

## SUPPORTING MATERIALS

*for*

### *Deliberative Public Engagement with Science: An Empirical Investigation*

PytlikZillig, L.M., Hutchens, M.J., Muhlberger, P., Gonzalez, F.J., & Tomkins, A.J. (2018). Springer.

Please note that the data has been checked and cleaned and de-identified and qualitative data is only available by request. Aspects of the data and some of the limitations are included in the detailed methods files associated with each study. For questions or to notify the authors of any issues associated with the data or methods, contact

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### Study 2 Variable Codebook

**id**

|                     |             | Value      |
|---------------------|-------------|------------|
| Standard Attributes | Position    | 1          |
|                     | Label       | ResponseID |
|                     | Type        | String     |
|                     | Format      | A180       |
|                     | Measurement | Nominal    |

**Q184**

|                                 |                    | Value                                                                                                 |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 2                                                                                                     |
|                                 | Label              | Are changes needed in biology education? to ensure that biology majors are equipped to work across... |
|                                 | Type               | Numeric                                                                                               |
|                                 | Format             | F8                                                                                                    |
|                                 | Measurement        | Scale                                                                                                 |
| N                               | Valid              | 188                                                                                                   |
|                                 | Missing            | 4                                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                  |
|                                 | Standard Deviation | .000                                                                                                  |
|                                 | Percentile 25      | 1.00                                                                                                  |
|                                 | Percentile 50      | 1.00                                                                                                  |
|                                 | Percentile 75      | 1.00                                                                                                  |

**Q211**

|                                 |                    | Value                                                                                                       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 3                                                                                                           |
|                                 | Label              | PLEASE NOTE<br><br>This assignment should take less time than a single recitation period, and is best do... |
|                                 | Type               | Numeric                                                                                                     |
|                                 | Format             | F8                                                                                                          |
|                                 | Measurement        | Scale                                                                                                       |
| N                               | Valid              | 188                                                                                                         |
|                                 | Missing            | 4                                                                                                           |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                        |
|                                 | Standard Deviation | .000                                                                                                        |
|                                 | Percentile 25      | 1.00                                                                                                        |

|  |               |      |
|--|---------------|------|
|  | Percentile 50 | 1.00 |
|  | Percentile 75 | 1.00 |

### a1\_REC1

|                     |             | Value                                          | Count | Percent |
|---------------------|-------------|------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 4                                              |       |         |
|                     | Label       | Which reci-Recitation section number (151-157) |       |         |
|                     | Type        | Numeric                                        |       |         |
|                     | Format      | F3                                             |       |         |
|                     | Measurement | Nominal                                        |       |         |
| Valid Values        | 151         |                                                | 29    | 15.1%   |
|                     | 152         |                                                | 25    | 13.0%   |
|                     | 153         |                                                | 27    | 14.1%   |
|                     | 154         |                                                | 30    | 15.6%   |
|                     | 155         |                                                | 26    | 13.5%   |
|                     | 156         |                                                | 24    | 12.5%   |
|                     | 157         |                                                | 27    | 14.1%   |
| Missing Values      | System      |                                                | 4     | 2.1%    |

### a1\_reciinstr\_anon

|                     |             | Value                                        | Count | Percent |
|---------------------|-------------|----------------------------------------------|-------|---------|
| Standard Attributes | Position    | 5                                            |       |         |
|                     | Label       | recitation instructor number instead of name |       |         |
|                     | Type        | Numeric                                      |       |         |
|                     | Format      | F8.2                                         |       |         |
|                     | Measurement | Nominal                                      |       |         |
| Valid Values        | 1.00        |                                              | 53    | 27.6%   |
|                     | 2.00        |                                              | 27    | 14.1%   |
|                     | 3.00        |                                              | 55    | 28.6%   |
|                     | 4.00        |                                              | 24    | 12.5%   |
|                     | 5.00        |                                              | 29    | 15.1%   |
| Missing Values      | -99.00      |                                              | 4     | 2.1%    |

### TA1\_1\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 6                  |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 188                |
|                                 | Missing            | 4                  |
| Central Tendency and Dispersion | Mean               | 60.4879            |
|                                 | Standard Deviation | 628.84151          |
|                                 | Percentile 25      | 3.4965             |

|  |               |         |
|--|---------------|---------|
|  | Percentile 50 | 6.7280  |
|  | Percentile 75 | 14.6390 |

### TA1\_1\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 7                 |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 188               |
|                                 | Missing            | 4                 |
| Central Tendency and Dispersion | Mean               | 113.0356          |
|                                 | Standard Deviation | 637.37437         |
|                                 | Percentile 25      | 32.2730           |
|                                 | Percentile 50      | 48.2880           |
|                                 | Percentile 75      | 80.4225           |

### TA1\_1\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 8                  |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 188                |
|                                 | Missing            | 4                  |
| Central Tendency and Dispersion | Mean               | 126.8234           |
|                                 | Standard Deviation | 637.17130          |
|                                 | Percentile 25      | 43.4810            |
|                                 | Percentile 50      | 59.0330            |
|                                 | Percentile 75      | 89.8620            |

### TA1\_1\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 9                  |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 188                |
|                                 | Missing            | 4                  |
| Central Tendency and Dispersion | Mean               | 4.3830             |
|                                 | Standard Deviation | 2.96722            |
|                                 | Percentile 25      | 2.0000             |
|                                 | Percentile 50      | 4.0000             |
|                                 | Percentile 75      | 6.0000             |

### Q4

|                     |             |                                                                                                        |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------|
|                     |             | Value                                                                                                  |
| Standard Attributes | Position    | 10                                                                                                     |
|                     | Label       | About the New Biology Issues Assignments If you did not yet read the description of the New Biology... |
|                     | Type        | Numeric                                                                                                |
|                     | Format      | F8                                                                                                     |
|                     | Measurement | Scale                                                                                                  |

|                                 |                    |      |
|---------------------------------|--------------------|------|
| N                               | Valid              | 188  |
|                                 | Missing            | 4    |
| Central Tendency and Dispersion | Mean               | 1.00 |
|                                 | Standard Deviation | .000 |
|                                 | Percentile 25      | 1.00 |
|                                 | Percentile 50      | 1.00 |
|                                 | Percentile 75      | 1.00 |

### TA1\_2\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 11                 |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 188                |
|                                 | Missing            | 4                  |
| Central Tendency and Dispersion | Mean               | 5.5344             |
|                                 | Standard Deviation | 10.06568           |
|                                 | Percentile 25      | .0000              |
|                                 | Percentile 50      | .0000              |
|                                 | Percentile 75      | 10.6625            |

### TA1\_2\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 12                |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 188               |
|                                 | Missing            | 4                 |
| Central Tendency and Dispersion | Mean               | 6.4085            |
|                                 | Standard Deviation | 12.22075          |
|                                 | Percentile 25      | .0000             |
|                                 | Percentile 50      | .0000             |
|                                 | Percentile 75      | 10.8645           |

### TA1\_2\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 13                 |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 188                |
|                                 | Missing            | 4                  |
| Central Tendency and Dispersion | Mean               | 31.0468            |
|                                 | Standard Deviation | 116.29494          |
|                                 | Percentile 25      | 6.9755             |
|                                 | Percentile 50      | 12.3555            |
|                                 | Percentile 75      | 23.8635            |

### TA1\_2\_4

|                     |             |                    |
|---------------------|-------------|--------------------|
|                     |             | Value              |
| Standard Attributes | Position    | 14                 |
|                     | Label       | Timing-Click Count |
|                     | Type        | Numeric            |
|                     | Format      | F8.2               |
|                     | Measurement | Scale              |

|                                 |                    |         |
|---------------------------------|--------------------|---------|
| N                               | Valid              | 188     |
|                                 | Missing            | 4       |
| Central Tendency and Dispersion | Mean               | .5319   |
|                                 | Standard Deviation | 1.31387 |
|                                 | Percentile 25      | .0000   |
|                                 | Percentile 50      | .0000   |
|                                 | Percentile 75      | 1.0000  |

### A1purp

|                                 |                    | Value                                                                                                      | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 15                                                                                                         |       |         |
|                                 | Label              | A1: Main purpose of New Bio Issues activities?                                                             |       |         |
|                                 | Type               | Numeric                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                      |       |         |
| N                               | Valid              | 187                                                                                                        |       |         |
|                                 | Missing            | 5                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 1.19                                                                                                       |       |         |
|                                 | Standard Deviation | .554                                                                                                       |       |         |
|                                 | Percentile 25      | 1.00                                                                                                       |       |         |
|                                 | Percentile 50      | 1.00                                                                                                       |       |         |
|                                 | Percentile 75      | 1.00                                                                                                       |       |         |
| Labeled Values                  | 1                  | To practice thinking about the social implications of science (e.g., of new technologies in biology)       | 165   | 85.9%   |
|                                 | 2                  | To learn about "new" biological organisms that have been discovered                                        | 8     | 4.2%    |
|                                 | 3                  | To make new discoveries in cell biology (e.g., work with classmates to discover new biological mechanisms) | 14    | 7.3%    |

### A1activ\_1

|                                 |                    | Value                                                                                         |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 16                                                                                            |
|                                 | Label              | A1: Activities used this semester?-The current online assignment you are completing right now |
|                                 | Type               | Numeric                                                                                       |
|                                 | Format             | F8                                                                                            |
|                                 | Measurement        | Scale                                                                                         |
| N                               | Valid              | 183                                                                                           |
|                                 | Missing            | 9                                                                                             |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                          |
|                                 | Standard Deviation | .000                                                                                          |
|                                 | Percentile 25      | 1.00                                                                                          |
|                                 | Percentile 50      | 1.00                                                                                          |
|                                 | Percentile 75      | 1.00                                                                                          |

**A1activ\_2**

|                                 |                    | Value                                        |
|---------------------------------|--------------------|----------------------------------------------|
| Standard Attributes             | Position           | 17                                           |
|                                 | Label              | A1: Activities used this semester?-A lecture |
|                                 | Type               | Numeric                                      |
|                                 | Format             | F8                                           |
|                                 | Measurement        | Scale                                        |
| N                               | Valid              | 174                                          |
|                                 | Missing            | 18                                           |
| Central Tendency and Dispersion | Mean               | 1.00                                         |
|                                 | Standard Deviation | .000                                         |
|                                 | Percentile 25      | 1.00                                         |
|                                 | Percentile 50      | 1.00                                         |
|                                 | Percentile 75      | 1.00                                         |

**A1activ\_3**

|                                 |                    | Value                                                                 |
|---------------------------------|--------------------|-----------------------------------------------------------------------|
| Standard Attributes             | Position           | 18                                                                    |
|                                 | Label              | A1: Activities used this semester?-An analysis of a New Biology Issue |
|                                 | Type               | Numeric                                                               |
|                                 | Format             | F8                                                                    |
|                                 | Measurement        | Scale                                                                 |
| N                               | Valid              | 182                                                                   |
|                                 | Missing            | 10                                                                    |
| Central Tendency and Dispersion | Mean               | 1.00                                                                  |
|                                 | Standard Deviation | .000                                                                  |
|                                 | Percentile 25      | 1.00                                                                  |
|                                 | Percentile 50      | 1.00                                                                  |
|                                 | Percentile 75      | 1.00                                                                  |

**A1activ\_4**

|                                 |                    | Value                                                          |
|---------------------------------|--------------------|----------------------------------------------------------------|
| Standard Attributes             | Position           | 19                                                             |
|                                 | Label              | A1: Activities used this semester?-An extra credit opportunity |
|                                 | Type               | Numeric                                                        |
|                                 | Format             | F8                                                             |
|                                 | Measurement        | Scale                                                          |
| N                               | Valid              | 171                                                            |
|                                 | Missing            | 21                                                             |
| Central Tendency and Dispersion | Mean               | 1.00                                                           |
|                                 | Standard Deviation | .000                                                           |
|                                 | Percentile 25      | 1.00                                                           |
|                                 | Percentile 50      | 1.00                                                           |
|                                 | Percentile 75      | 1.00                                                           |

**A1activ\_5**

|                     |          | Value                                               |
|---------------------|----------|-----------------------------------------------------|
| Standard Attributes | Position | 20                                                  |
|                     | Label    | A1: Activities used this semester?-A lab experiment |
|                     | Type     | Numeric                                             |

|                                 |                    |       |
|---------------------------------|--------------------|-------|
|                                 | Format             | F8    |
|                                 | Measurement        | Scale |
| N                               | Valid              | 8     |
|                                 | Missing            | 184   |
| Central Tendency and Dispersion | Mean               | 1.00  |
|                                 | Standard Deviation | .000  |
|                                 | Percentile 25      | 1.00  |
|                                 | Percentile 50      | 1.00  |
|                                 | Percentile 75      | 1.00  |

### A1activ\_6

|                                 |                    |                                                                        |
|---------------------------------|--------------------|------------------------------------------------------------------------|
|                                 |                    | Value                                                                  |
| Standard Attributes             | Position           | 21                                                                     |
|                                 | Label              | A1: Activities used this semester?-A group presentation on New Biology |
|                                 | Type               | Numeric                                                                |
|                                 | Format             | F8                                                                     |
|                                 | Measurement        | Scale                                                                  |
| N                               | Valid              | 30                                                                     |
|                                 | Missing            | 162                                                                    |
| Central Tendency and Dispersion | Mean               | 1.00                                                                   |
|                                 | Standard Deviation | .000                                                                   |
|                                 | Percentile 25      | 1.00                                                                   |
|                                 | Percentile 50      | 1.00                                                                   |
|                                 | Percentile 75      | 1.00                                                                   |

### A1trfal\_1

|                                 |                    |                                                                                                                                                                                         |       |         |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
|                                 |                    | Value                                                                                                                                                                                   | Count | Percent |
| Standard Attributes             | Position           | 22                                                                                                                                                                                      |       |         |
|                                 | Label              | A1: True or false-<br>Allowing researchers to use my New Biology assignment data will NOT improve my grade in this course, and refusing to allow them to use it will NOT hurt my grade. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                   |       |         |
| N                               | Valid              | 187                                                                                                                                                                                     |       |         |
|                                 | Missing            | 5                                                                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.02                                                                                                                                                                                    |       |         |
|                                 | Standard Deviation | .126                                                                                                                                                                                    |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                    |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                    |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | True                                                                                                                                                                                    | 184   | 95.8%   |
|                                 | 2                  | False                                                                                                                                                                                   | 3     | 1.6%    |

### A1trfal\_2

|  |       |       |         |
|--|-------|-------|---------|
|  | Value | Count | Percent |
|--|-------|-------|---------|

|                                 |                    |                                                                                                                                                                                               |     |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|
| Standard Attributes             | Position           | 23                                                                                                                                                                                            |     |       |
|                                 | Label              | A1: True or false-The New Biology Assignments are required parts of the course regardless of whether or not a student gives consent to let researchers conduct research on their assignments. |     |       |
|                                 | Type               | Numeric                                                                                                                                                                                       |     |       |
|                                 | Format             | F8                                                                                                                                                                                            |     |       |
|                                 | Measurement        | Scale                                                                                                                                                                                         |     |       |
|                                 |                    |                                                                                                                                                                                               |     |       |
| N                               | Valid              | 187                                                                                                                                                                                           |     |       |
|                                 | Missing            | 5                                                                                                                                                                                             |     |       |
| Central Tendency and Dispersion | Mean               | 1.02                                                                                                                                                                                          |     |       |
|                                 | Standard Deviation | .126                                                                                                                                                                                          |     |       |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                          |     |       |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                          |     |       |
|                                 | Percentile 75      | 1.00                                                                                                                                                                                          |     |       |
| Labeled Values                  | 1                  | True                                                                                                                                                                                          | 184 | 95.8% |
|                                 | 2                  | False                                                                                                                                                                                         | 3   | 1.6%  |

### A1trfal\_3

|                                 |                    | Value                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 24                                                                                                                                   |       |         |
|                                 | Label              | A1: True or false-My data will be kept confidential (i.e., my name will be removed) if I give consent for researchers to analyze it. |       |         |
|                                 | Type               | Numeric                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                      |       |         |
| N                               | Valid              | 187                                                                                                                                  |       |         |
|                                 | Missing            | 5                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                                 |       |         |
|                                 | Standard Deviation | .000                                                                                                                                 |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                 |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                 |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | True                                                                                                                                 | 187   | 97.4%   |
|                                 | 2                  | False                                                                                                                                | 0     | 0.0%    |

### Q186

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 25    |

|                                 |                    |                                                                                                        |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
|                                 | Label              | Please note... All of the above T/F questions should have been answered True. If you did not answer... |
|                                 | Type               | Numeric                                                                                                |
|                                 | Format             | F8                                                                                                     |
|                                 | Measurement        | Scale                                                                                                  |
| N                               | Valid              | 187                                                                                                    |
|                                 | Missing            | 5                                                                                                      |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                   |
|                                 | Standard Deviation | .000                                                                                                   |
|                                 | Percentile 25      | 1.00                                                                                                   |
|                                 | Percentile 50      | 1.00                                                                                                   |
|                                 | Percentile 75      | 1.00                                                                                                   |

### TA1\_3\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 26                 |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 138.6506           |
|                                 | Standard Deviation | 1304.75074         |
|                                 | Percentile 25      | 10.6330            |
|                                 | Percentile 50      | 19.8340            |
|                                 | Percentile 75      | 41.4350            |

### TA1\_3\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 27                |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 187               |
|                                 | Missing            | 5                 |
| Central Tendency and Dispersion | Mean               | 273.3057          |
|                                 | Standard Deviation | 1378.80239        |
|                                 | Percentile 25      | 66.6540           |
|                                 | Percentile 50      | 109.7470          |
|                                 | Percentile 75      | 178.3810          |

### TA1\_3\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 28                 |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 281.4682           |
|                                 | Standard Deviation | 1379.94024         |
|                                 | Percentile 25      | 70.8920            |
|                                 | Percentile 50      | 116.3100           |
|                                 | Percentile 75      | 186.2090           |

**TA1\_3\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 29                 |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 10.4973            |
|                                 | Standard Deviation | 4.08955            |
|                                 | Percentile 25      | 8.0000             |
|                                 | Percentile 50      | 9.0000             |
|                                 | Percentile 75      | 12.0000            |

**Q75**

|                                 |                    | Value                                                             |
|---------------------------------|--------------------|-------------------------------------------------------------------|
| Standard Attributes             | Position           | 30                                                                |
|                                 | Label              | INFORMED<br>CONSENT FORM<br>(SciSIP MAPPs)IRB#<br>20100210604E... |
|                                 | Type               | Numeric                                                           |
|                                 | Format             | F8                                                                |
|                                 | Measurement        | Scale                                                             |
| N                               | Valid              | 187                                                               |
|                                 | Missing            | 5                                                                 |
| Central Tendency and Dispersion | Mean               | 1.00                                                              |
|                                 | Standard Deviation | .000                                                              |
|                                 | Percentile 25      | 1.00                                                              |
|                                 | Percentile 50      | 1.00                                                              |
|                                 | Percentile 75      | 1.00                                                              |

**a1CONSENT**

|                                 |                    | Value              | Count | Percent |
|---------------------------------|--------------------|--------------------|-------|---------|
| Standard Attributes             | Position           | 31                 |       |         |
|                                 | Label              | A1: Consent given? |       |         |
|                                 | Type               | Numeric            |       |         |
|                                 | Format             | F8                 |       |         |
|                                 | Measurement        | Scale              |       |         |
| N                               | Valid              | 187                |       |         |
|                                 | Missing            | 5                  |       |         |
| Central Tendency and Dispersion | Mean               | 1.08               |       |         |
|                                 | Standard Deviation | .272               |       |         |
|                                 | Percentile 25      | 1.00               |       |         |
|                                 | Percentile 50      | 1.00               |       |         |
|                                 | Percentile 75      | 1.00               |       |         |
| Labeled Values                  | 1                  | Yes                | 172   | 89.6%   |
|                                 | 2                  | No                 | 15    | 7.8%    |

**a1OPTIONAL\_1**

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 32    |

|                                 |                    |                                                                                                               |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|
|                                 | Label              | A1: Other activity options-I would be willing to be part of a videotaped discussion group (during recitation) |
|                                 | Type               | Numeric                                                                                                       |
|                                 | Format             | F8                                                                                                            |
|                                 | Measurement        | Scale                                                                                                         |
| N                               | Valid              | 77                                                                                                            |
|                                 | Missing            | 115                                                                                                           |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                          |
|                                 | Standard Deviation | .000                                                                                                          |
|                                 | Percentile 25      | 1.00                                                                                                          |
|                                 | Percentile 50      | 1.00                                                                                                          |
|                                 | Percentile 75      | 1.00                                                                                                          |

### a1OPTIONAL\_2

|                                 |                    |                                                                                                        |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                  |
| Standard Attributes             | Position           | 33                                                                                                     |
|                                 | Label              | A1: Other activity options-I would be willing to take part in a 30-minute interview (outside of class) |
|                                 | Type               | Numeric                                                                                                |
|                                 | Format             | F8                                                                                                     |
|                                 | Measurement        | Scale                                                                                                  |
| N                               | Valid              | 56                                                                                                     |
|                                 | Missing            | 136                                                                                                    |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                   |
|                                 | Standard Deviation | .000                                                                                                   |
|                                 | Percentile 25      | 1.00                                                                                                   |
|                                 | Percentile 50      | 1.00                                                                                                   |
|                                 | Percentile 75      | 1.00                                                                                                   |

### a1OPTIONAL\_3

|                                 |                    |                                                                                             |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                       |
| Standard Attributes             | Position           | 34                                                                                          |
|                                 | Label              | A1: Other activity options-I would be willing to have my interview audiotaped or videotaped |
|                                 | Type               | Numeric                                                                                     |
|                                 | Format             | F8                                                                                          |
|                                 | Measurement        | Scale                                                                                       |
| N                               | Valid              | 50                                                                                          |
|                                 | Missing            | 142                                                                                         |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                        |
|                                 | Standard Deviation | .000                                                                                        |
|                                 | Percentile 25      | 1.00                                                                                        |
|                                 | Percentile 50      | 1.00                                                                                        |
|                                 | Percentile 75      | 1.00                                                                                        |

### TA1\_4\_1

|                     |             |                    |
|---------------------|-------------|--------------------|
|                     |             | Value              |
| Standard Attributes | Position    | 35                 |
|                     | Label       | Timing-First Click |
|                     | Type        | Numeric            |
|                     | Format      | F8.2               |
|                     | Measurement | Scale              |
| N                   | Valid       | 187                |
|                     | Missing     | 5                  |

|                                 |                    |          |
|---------------------------------|--------------------|----------|
| Central Tendency and Dispersion | Mean               | 43.5683  |
|                                 | Standard Deviation | 86.93344 |
|                                 | Percentile 25      | 7.9250   |
|                                 | Percentile 50      | 11.1920  |
|                                 | Percentile 75      | 30.4830  |

#### TA1\_4\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 36                |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 187               |
|                                 | Missing            | 5                 |
| Central Tendency and Dispersion | Mean               | 76.5748           |
|                                 | Standard Deviation | 157.90187         |
|                                 | Percentile 25      | 15.9710           |
|                                 | Percentile 50      | 27.4370           |
|                                 | Percentile 75      | 65.8970           |

#### TA1\_4\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 37                 |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 90.6205            |
|                                 | Standard Deviation | 158.49107          |
|                                 | Percentile 25      | 25.6910            |
|                                 | Percentile 50      | 41.2460            |
|                                 | Percentile 75      | 92.2240            |

#### TA1\_4\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 38                 |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 3.3904             |
|                                 | Standard Deviation | 3.39077            |
|                                 | Percentile 25      | 1.0000             |
|                                 | Percentile 50      | 2.0000             |
|                                 | Percentile 75      | 4.0000             |

#### Q189

|                     |          |       |
|---------------------|----------|-------|
|                     |          | Value |
| Standard Attributes | Position | 39    |

|                                 |                    |                                                                              |
|---------------------------------|--------------------|------------------------------------------------------------------------------|
|                                 | Label              | SOCIETY YOU<br>(Section 1 of 5)                                              |
|                                 |                    | The next<br>questions ask you to<br>think about your place<br>in larger s... |
|                                 | Type               | Numeric                                                                      |
|                                 | Format             | F8                                                                           |
|                                 | Measurement        | Scale                                                                        |
|                                 |                    |                                                                              |
| N                               | Valid              | 187                                                                          |
|                                 | Missing            | 5                                                                            |
| Central Tendency and Dispersion | Mean               | 1.00                                                                         |
|                                 | Standard Deviation | .000                                                                         |
|                                 | Percentile 25      | 1.00                                                                         |
|                                 | Percentile 50      | 1.00                                                                         |
|                                 | Percentile 75      | 1.00                                                                         |

#### a1PARTYID

|                                 |                    | Value                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------|-------|---------|
| Standard Attributes             | Position           | 40                          |       |         |
|                                 | Label              | A1: Party<br>identification |       |         |
|                                 | Type               | Numeric                     |       |         |
|                                 | Format             | F8                          |       |         |
|                                 | Measurement        | Scale                       |       |         |
| N                               | Valid              | 187                         |       |         |
|                                 | Missing            | 5                           |       |         |
| Central Tendency and Dispersion | Mean               | 4.34                        |       |         |
|                                 | Standard Deviation | 1.484                       |       |         |
|                                 | Percentile 25      | 4.00                        |       |         |
|                                 | Percentile 50      | 4.00                        |       |         |
|                                 | Percentile 75      | 6.00                        |       |         |
| Labeled Values                  | 1                  | strong democrat             | 4     | 2.1%    |
|                                 | 2                  | democrat                    | 25    | 13.0%   |
|                                 | 3                  | weak democrat               | 16    | 8.3%    |
|                                 | 4                  | independent/other           | 66    | 34.4%   |
|                                 | 5                  | weak republican             | 15    | 7.8%    |
|                                 | 6                  | republican                  | 57    | 29.7%   |
|                                 | 7                  | strong republican           | 4     | 2.1%    |

#### a1IDEOLOGY\_1

|                                 |                    | Value                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------|-------|---------|
| Standard Attributes             | Position           | 41                                 |       |         |
|                                 | Label              | A1: Political ideology-<br>Overall |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 187                                |       |         |
|                                 | Missing            | 5                                  |       |         |
| Central Tendency and Dispersion | Mean               | 4.20                               |       |         |
|                                 | Standard Deviation | 1.478                              |       |         |
|                                 | Percentile 25      | 3.00                               |       |         |

|                |               |                               |    |       |
|----------------|---------------|-------------------------------|----|-------|
|                | Percentile 50 | 4.00                          |    |       |
|                | Percentile 75 | 6.00                          |    |       |
| Labeled Values | 1             | Strongly Liberal              | 6  | 3.1%  |
|                | 2             | Moderately Liberal            | 26 | 13.5% |
|                | 3             | Weakly Liberal                | 15 | 7.8%  |
|                | 4             | Centrist / Middle of the Road | 74 | 38.5% |
|                | 5             | Weakly Conservative           | 11 | 5.7%  |
|                | 6             | Moderately Conservative       | 53 | 27.6% |
|                | 7             | Strongly Conservative         | 2  | 1.0%  |

#### a1IDEOLOGY\_2

|                                 |                    | Value                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 42                                                             |       |         |
|                                 | Label              | A1: Political ideology-<br>When it comes to<br>ECONOMIC issues |       |         |
|                                 | Type               | Numeric                                                        |       |         |
|                                 | Format             | F8                                                             |       |         |
|                                 | Measurement        | Scale                                                          |       |         |
| N                               | Valid              | 187                                                            |       |         |
|                                 | Missing            | 5                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 4.41                                                           |       |         |
|                                 | Standard Deviation | 1.615                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                           |       |         |
|                                 | Percentile 50      | 4.00                                                           |       |         |
|                                 | Percentile 75      | 6.00                                                           |       |         |
| Labeled Values                  | 1                  | Strongly Liberal                                               | 7     | 3.6%    |
|                                 | 2                  | Moderately Liberal                                             | 21    | 10.9%   |
|                                 | 3                  | Weakly Liberal                                                 | 22    | 11.5%   |
|                                 | 4                  | Centrist / Middle of the Road                                  | 56    | 29.2%   |
|                                 | 5                  | Weakly Conservative                                            | 14    | 7.3%    |
|                                 | 6                  | Moderately Conservative                                        | 54    | 28.1%   |
|                                 | 7                  | Strongly Conservative                                          | 13    | 6.8%    |

#### a1IDEOLOGY\_6

|                                 |                    | Value                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 43                                                           |       |         |
|                                 | Label              | A1: Political ideology-<br>When it comes to<br>SOCIAL issues |       |         |
|                                 | Type               | Numeric                                                      |       |         |
|                                 | Format             | F8                                                           |       |         |
|                                 | Measurement        | Scale                                                        |       |         |
| N                               | Valid              | 187                                                          |       |         |
|                                 | Missing            | 5                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.96                                                         |       |         |
|                                 | Standard Deviation | 1.710                                                        |       |         |

|                |               |                               |    |       |
|----------------|---------------|-------------------------------|----|-------|
|                | Percentile 25 | 2.00                          |    |       |
|                | Percentile 50 | 4.00                          |    |       |
|                | Percentile 75 | 6.00                          |    |       |
| Labeled Values | 1             | Strongly Liberal              | 14 | 7.3%  |
|                | 2             | Moderately Liberal            | 34 | 17.7% |
|                | 3             | Weakly Liberal                | 24 | 12.5% |
|                | 4             | Centrist / Middle of the Road | 47 | 24.5% |
|                | 5             | Weakly Conservative           | 18 | 9.4%  |
|                | 6             | Moderately Conservative       | 42 | 21.9% |
|                | 7             | Strongly Conservative         | 8  | 4.2%  |

#### a1intrtloc

|                                 |                    | Value                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 44                                       |       |         |
|                                 | Label              | A1: Interest: Community politics/affairs |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
| N                               | Valid              | 187                                      |       |         |
|                                 | Missing            | 5                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.73                                     |       |         |
|                                 | Standard Deviation | 1.838                                    |       |         |
|                                 | Percentile 25      | 2.00                                     |       |         |
|                                 | Percentile 50      | 4.00                                     |       |         |
|                                 | Percentile 75      | 5.00                                     |       |         |
| Labeled Values                  | 0                  | not interested                           | 12    | 6.3%    |
|                                 | 3                  | moderately interested                    | 3     | 1.6%    |
|                                 | 6                  | extremely interested                     | 28    | 14.6%   |

#### a1intrtnat

|                                 |                    | Value                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------|-------|---------|
| Standard Attributes             | Position           | 45                                   |       |         |
|                                 | Label              | A1: Interest: Nat'l politics/affairs |       |         |
|                                 | Type               | Numeric                              |       |         |
|                                 | Format             | F8                                   |       |         |
|                                 | Measurement        | Scale                                |       |         |
| N                               | Valid              | 187                                  |       |         |
|                                 | Missing            | 5                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.97                                 |       |         |
|                                 | Standard Deviation | 1.814                                |       |         |
|                                 | Percentile 25      | 1.00                                 |       |         |
|                                 | Percentile 50      | 3.00                                 |       |         |
|                                 | Percentile 75      | 4.00                                 |       |         |
| Labeled Values                  | 0                  | not interested                       | 7     | 3.6%    |

|  |   |                       |    |      |
|--|---|-----------------------|----|------|
|  | 3 | moderately interested | 10 | 5.2% |
|  | 6 | extremely interested  | 17 | 8.9% |

### TA1\_5\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 46                 |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 1061.3130          |
|                                 | Standard Deviation | 14064.45202        |
|                                 | Percentile 25      | 5.3930             |
|                                 | Percentile 50      | 8.1690             |
|                                 | Percentile 75      | 15.2560            |

### TA1\_5\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 47                |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 187               |
|                                 | Missing            | 5                 |
| Central Tendency and Dispersion | Mean               | 1237.7129         |
|                                 | Standard Deviation | 14168.80817       |
|                                 | Percentile 25      | 35.1150           |
|                                 | Percentile 50      | 45.6250           |
|                                 | Percentile 75      | 69.7210           |

### TA1\_5\_3

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 48                 |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 1239.7229          |
|                                 | Standard Deviation | 14168.74105        |
|                                 | Percentile 25      | 36.8990            |
|                                 | Percentile 50      | 46.9770            |
|                                 | Percentile 75      | 71.9670            |

### TA1\_5\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 49                 |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 8.2995             |
|                                 | Standard Deviation | 3.01540            |
|                                 | Percentile 25      | 6.0000             |

|  |               |        |
|--|---------------|--------|
|  | Percentile 50 | 7.0000 |
|  | Percentile 75 | 9.0000 |

### a1instconf\_1\_5

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 50                                                                                                                 |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Executive branch of the federal government (i.e., the President) |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 187                                                                                                                |       |         |
|                                 | Missing            | 5                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.08                                                                                                               |       |         |
|                                 | Standard Deviation | .879                                                                                                               |       |         |
|                                 | Percentile 25      | 2.00                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | No confidence                                                                                                      | 6     | 3.1%    |
|                                 | 2                  | Very little confidence                                                                                             | 43    | 22.4%   |
|                                 | 3                  | Some confidence                                                                                                    | 72    | 37.5%   |
|                                 | 4                  | A lot of confidence                                                                                                | 62    | 32.3%   |
|                                 | 5                  | Complete confidence                                                                                                | 4     | 2.1%    |

### a1instconf\_1\_9

|                                 |                    | Value                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 51                                                                            |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -United States Supreme Court |       |         |
|                                 | Type               | Numeric                                                                       |       |         |
|                                 | Format             | F8                                                                            |       |         |
|                                 | Measurement        | Scale                                                                         |       |         |
|                                 |                    |                                                                               |       |         |
| N                               | Valid              | 187                                                                           |       |         |
|                                 | Missing            | 5                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.43                                                                          |       |         |
|                                 | Standard Deviation | .879                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                          |       |         |
| Labeled Values                  | 1                  | No confidence                                                                 | 5     | 2.6%    |
|                                 | 2                  | Very little confidence                                                        | 21    | 10.9%   |
|                                 | 3                  | Some confidence                                                               | 63    | 32.8%   |
|                                 | 4                  | A lot of confidence                                                           | 85    | 44.3%   |
|                                 | 5                  | Complete confidence                                                           | 13    | 6.8%    |

**a1instconf\_1\_11**

|                                 |                    | Value                                                      | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 52                                                         |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Congress |       |         |
|                                 | Type               | Numeric                                                    |       |         |
|                                 | Format             | F8                                                         |       |         |
|                                 | Measurement        | Scale                                                      |       |         |
| N                               | Valid              | 187                                                        |       |         |
|                                 | Missing            | 5                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.94                                                       |       |         |
|                                 | Standard Deviation | .862                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                       |       |         |
| Labeled Values                  | 1                  | No confidence                                              | 10    | 5.2%    |
|                                 | 2                  | Very little confidence                                     | 44    | 22.9%   |
|                                 | 3                  | Some confidence                                            | 81    | 42.2%   |
|                                 | 4                  | A lot of confidence                                        | 51    | 26.6%   |
|                                 | 5                  | Complete confidence                                        | 1     | 0.5%    |

**a1instconf\_1\_12**

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 53                                                                           |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -The United States military |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
| N                               | Valid              | 187                                                                          |       |         |
|                                 | Missing            | 5                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.79                                                                         |       |         |
|                                 | Standard Deviation | .860                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 4.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | No confidence                                                                | 3     | 1.6%    |
|                                 | 2                  | Very little confidence                                                       | 10    | 5.2%    |
|                                 | 3                  | Some confidence                                                              | 45    | 23.4%   |
|                                 | 4                  | A lot of confidence                                                          | 95    | 49.5%   |
|                                 | 5                  | Complete confidence                                                          | 34    | 17.7%   |

**a1instconf\_1\_13**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 54    |       |         |

|                                 |                    |                                                                                   |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Office of the Nebraska Governor |    |       |
|                                 | Type               | Numeric                                                                           |    |       |
|                                 | Format             | F8                                                                                |    |       |
|                                 | Measurement        | Scale                                                                             |    |       |
| N                               | Valid              | 187                                                                               |    |       |
|                                 | Missing            | 5                                                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 3.24                                                                              |    |       |
|                                 | Standard Deviation | .828                                                                              |    |       |
|                                 | Percentile 25      | 3.00                                                                              |    |       |
|                                 | Percentile 50      | 3.00                                                                              |    |       |
|                                 | Percentile 75      | 4.00                                                                              |    |       |
| Labeled Values                  | 1                  | No confidence                                                                     | 7  | 3.6%  |
|                                 | 2                  | Very little confidence                                                            | 20 | 10.4% |
|                                 | 3                  | Some confidence                                                                   | 88 | 45.8% |
|                                 | 4                  | A lot of confidence                                                               | 66 | 34.4% |
|                                 | 5                  | Complete confidence                                                               | 6  | 3.1%  |

#### a1instconf\_1\_14

|                                 |                    | Value                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 55                                                                     |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Nebraska Legislature |       |         |
|                                 | Type               | Numeric                                                                |       |         |
|                                 | Format             | F8                                                                     |       |         |
|                                 | Measurement        | Scale                                                                  |       |         |
|                                 |                    |                                                                        |       |         |
| N                               | Valid              | 187                                                                    |       |         |
|                                 | Missing            | 5                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.18                                                                   |       |         |
|                                 | Standard Deviation | .827                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                   |       |         |
| Labeled Values                  | 1                  | No confidence                                                          | 10    | 5.2%    |
|                                 | 2                  | Very little confidence                                                 | 17    | 8.9%    |
|                                 | 3                  | Some confidence                                                        | 93    | 48.4%   |
|                                 | 4                  | A lot of confidence                                                    | 64    | 33.3%   |
|                                 | 5                  | Complete confidence                                                    | 3     | 1.6%    |

#### a1instconf\_1\_15

|                     |          | Value                                                                   | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 56                                                                      |       |         |
|                     | Label    | A1: How much conf in the following inst'ns:<br>: -Nebraska State Courts |       |         |
|                     | Type     | Numeric                                                                 |       |         |

|                                 |                    |                        |    |       |
|---------------------------------|--------------------|------------------------|----|-------|
|                                 | Format             | F8                     |    |       |
|                                 | Measurement        | Scale                  |    |       |
| N                               | Valid              | 187                    |    |       |
|                                 | Missing            | 5                      |    |       |
| Central Tendency and Dispersion | Mean               | 3.29                   |    |       |
|                                 | Standard Deviation | .793                   |    |       |
|                                 | Percentile 25      | 3.00                   |    |       |
|                                 | Percentile 50      | 3.00                   |    |       |
|                                 | Percentile 75      | 4.00                   |    |       |
| Labeled Values                  | 1                  | No confidence          | 6  | 3.1%  |
|                                 | 2                  | Very little confidence | 16 | 8.3%  |
|                                 | 3                  | Some confidence        | 87 | 45.3% |
|                                 | 4                  | A lot of confidence    | 73 | 38.0% |
|                                 | 5                  | Complete confidence    | 5  | 2.6%  |

#### a1instconf\_1\_16

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 57                                                                        |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Lincoln City government |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
|                                 |                    |                                                                           |       |         |
| N                               | Valid              | 187                                                                       |       |         |
|                                 | Missing            | 5                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.13                                                                      |       |         |
|                                 | Standard Deviation | .761                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                      |       |         |
| Labeled Values                  | 1                  | No confidence                                                             | 8     | 4.2%    |
|                                 | 2                  | Very little confidence                                                    | 17    | 8.9%    |
|                                 | 3                  | Some confidence                                                           | 106   | 55.2%   |
|                                 | 4                  | A lot of confidence                                                       | 54    | 28.1%   |
|                                 | 5                  | Complete confidence                                                       | 2     | 1.0%    |

#### a1instconf\_1\_18

|                     |             | Value                                                                                          | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 58                                                                                             |       |         |
|                     | Label       | A1: How much conf in the following inst'ns:<br>: -The Nebraska Department of Natural Resources |       |         |
|                     | Type        | Numeric                                                                                        |       |         |
|                     | Format      | F8                                                                                             |       |         |
|                     | Measurement | Scale                                                                                          |       |         |
|                     |             |                                                                                                |       |         |
| N                   | Valid       | 187                                                                                            |       |         |

|                                 |                    |                        |    |       |
|---------------------------------|--------------------|------------------------|----|-------|
|                                 | Missing            | 5                      |    |       |
| Central Tendency and Dispersion | Mean               | 3.39                   |    |       |
|                                 | Standard Deviation | .742                   |    |       |
|                                 | Percentile 25      | 3.00                   |    |       |
|                                 | Percentile 50      | 3.00                   |    |       |
|                                 | Percentile 75      | 4.00                   |    |       |
| Labeled Values                  | 1                  | No confidence          | 3  | 1.6%  |
|                                 | 2                  | Very little confidence | 14 | 7.3%  |
|                                 | 3                  | Some confidence        | 84 | 43.8% |
|                                 | 4                  | A lot of confidence    | 80 | 41.7% |
|                                 | 5                  | Complete confidence    | 6  | 3.1%  |

### a1instconf\_1\_19

|                                 |                    | Value                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 59                                                                       |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -University of Nebraska |       |         |
|                                 | Type               | Numeric                                                                  |       |         |
|                                 | Format             | F8                                                                       |       |         |
|                                 | Measurement        | Scale                                                                    |       |         |
| N                               | Valid              | 187                                                                      |       |         |
|                                 | Missing            | 5                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.81                                                                     |       |         |
|                                 | Standard Deviation | .635                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                     |       |         |
| Labeled Values                  | 1                  | No confidence                                                            | 0     | 0.0%    |
|                                 | 2                  | Very little confidence                                                   | 5     | 2.6%    |
|                                 | 3                  | Some confidence                                                          | 44    | 22.9%   |
|                                 | 4                  | A lot of confidence                                                      | 120   | 62.5%   |
|                                 | 5                  | Complete confidence                                                      | 18    | 9.4%    |

### a1instconf\_1\_1

|                                 |                    | Value                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 60                                                                             |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Banks and financial services |       |         |
|                                 | Type               | Numeric                                                                        |       |         |
|                                 | Format             | F8                                                                             |       |         |
|                                 | Measurement        | Scale                                                                          |       |         |
| N                               | Valid              | 187                                                                            |       |         |
|                                 | Missing            | 5                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.16                                                                           |       |         |
|                                 | Standard Deviation | .908                                                                           |       |         |

|                |               |                        |    |       |
|----------------|---------------|------------------------|----|-------|
|                | Percentile 25 | 3.00                   |    |       |
|                | Percentile 50 | 3.00                   |    |       |
|                | Percentile 75 | 4.00                   |    |       |
| Labeled Values | 1             | No confidence          | 10 | 5.2%  |
|                | 2             | Very little confidence | 26 | 13.5% |
|                | 3             | Some confidence        | 83 | 43.2% |
|                | 4             | A lot of confidence    | 60 | 31.3% |
|                | 5             | Complete confidence    | 8  | 4.2%  |

**a1instconf\_1\_2**

|                                 |                    | Value                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 61                                                                |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Major companies |       |         |
|                                 | Type               | Numeric                                                           |       |         |
|                                 | Format             | F8                                                                |       |         |
|                                 | Measurement        | Scale                                                             |       |         |
| N                               | Valid              | 187                                                               |       |         |
|                                 | Missing            | 5                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.84                                                              |       |         |
|                                 | Standard Deviation | .794                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                              |       |         |
| Labeled Values                  | 1                  | No confidence                                                     | 9     | 4.7%    |
|                                 | 2                  | Very little confidence                                            | 48    | 25.0%   |
|                                 | 3                  | Some confidence                                                   | 95    | 49.5%   |
|                                 | 4                  | A lot of confidence                                               | 34    | 17.7%   |
|                                 | 5                  | Complete confidence                                               | 1     | 0.5%    |

**a1instconf\_1\_3**

|                                 |                    | Value                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 62                                                                   |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Organized religion |       |         |
|                                 | Type               | Numeric                                                              |       |         |
|                                 | Format             | F8                                                                   |       |         |
|                                 | Measurement        | Scale                                                                |       |         |
| N                               | Valid              | 187                                                                  |       |         |
|                                 | Missing            | 5                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                                                 |       |         |
|                                 | Standard Deviation | 1.209                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                 |       |         |
| Labeled Values                  | 1                  | No confidence                                                        | 25    | 13.0%   |
|                                 | 2                  | Very little confidence                                               | 20    | 10.4%   |
|                                 | 3                  | Some confidence                                                      | 61    | 31.8%   |

|  |   |                     |    |       |
|--|---|---------------------|----|-------|
|  | 4 | A lot of confidence | 55 | 28.6% |
|  | 5 | Complete confidence | 26 | 13.5% |

#### a1instconf\_1\_4

|                                 |                    | Value                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 63                                                          |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Education |       |         |
|                                 | Type               | Numeric                                                     |       |         |
|                                 | Format             | F8                                                          |       |         |
|                                 | Measurement        | Scale                                                       |       |         |
| N                               | Valid              | 187                                                         |       |         |
|                                 | Missing            | 5                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.64                                                        |       |         |
|                                 | Standard Deviation | .820                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                        |       |         |
| Labeled Values                  | 1                  | No confidence                                               | 2     | 1.0%    |
|                                 | 2                  | Very little confidence                                      | 12    | 6.3%    |
|                                 | 3                  | Some confidence                                             | 60    | 31.3%   |
|                                 | 4                  | A lot of confidence                                         | 90    | 46.9%   |
|                                 | 5                  | Complete confidence                                         | 23    | 12.0%   |

#### a1instconf\_1\_6

|                                 |                    | Value                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 64                                                                |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Organized labor |       |         |
|                                 | Type               | Numeric                                                           |       |         |
|                                 | Format             | F8                                                                |       |         |
|                                 | Measurement        | Scale                                                             |       |         |
| N                               | Valid              | 187                                                               |       |         |
|                                 | Missing            | 5                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.28                                                              |       |         |
|                                 | Standard Deviation | .767                                                              |       |         |
|                                 | Percentile 25      | 3.00                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                              |       |         |
| Labeled Values                  | 1                  | No confidence                                                     | 4     | 2.1%    |
|                                 | 2                  | Very little confidence                                            | 19    | 9.9%    |
|                                 | 3                  | Some confidence                                                   | 90    | 46.9%   |
|                                 | 4                  | A lot of confidence                                               | 69    | 35.9%   |
|                                 | 5                  | Complete confidence                                               | 5     | 2.6%    |

#### a1instconf\_1\_7

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                         |    |       |
|---------------------------------|--------------------|---------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 65                                                      |    |       |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Press |    |       |
|                                 | Type               | Numeric                                                 |    |       |
|                                 | Format             | F8                                                      |    |       |
|                                 | Measurement        | Scale                                                   |    |       |
| N                               | Valid              | 187                                                     |    |       |
|                                 | Missing            | 5                                                       |    |       |
| Central Tendency and Dispersion | Mean               | 2.64                                                    |    |       |
|                                 | Standard Deviation | .766                                                    |    |       |
|                                 | Percentile 25      | 2.00                                                    |    |       |
|                                 | Percentile 50      | 3.00                                                    |    |       |
|                                 | Percentile 75      | 3.00                                                    |    |       |
| Labeled Values                  | 1                  | No confidence                                           | 11 | 5.7%  |
|                                 | 2                  | Very little confidence                                  | 67 | 34.9% |
|                                 | 3                  | Some confidence                                         | 87 | 45.3% |
|                                 | 4                  | A lot of confidence                                     | 22 | 11.5% |
|                                 | 5                  | Complete confidence                                     | 0  | 0.0%  |

#### a1instconf\_1\_17

|                                 |                    | Value                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 66                                                                          |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -Water regulatory agencies |       |         |
|                                 | Type               | Numeric                                                                     |       |         |
|                                 | Format             | F8                                                                          |       |         |
|                                 | Measurement        | Scale                                                                       |       |         |
| N                               | Valid              | 187                                                                         |       |         |
|                                 | Missing            | 5                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.34                                                                        |       |         |
|                                 | Standard Deviation | .802                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                        |       |         |
| Labeled Values                  | 1                  | No confidence                                                               | 3     | 1.6%    |
|                                 | 2                  | Very little confidence                                                      | 20    | 10.4%   |
|                                 | 3                  | Some confidence                                                             | 85    | 44.3%   |
|                                 | 4                  | A lot of confidence                                                         | 69    | 35.9%   |
|                                 | 5                  | Complete confidence                                                         | 10    | 5.2%    |

#### a1instconf\_1\_10

|                     |          | Value                                                                      | Count | Percent |
|---------------------|----------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 67                                                                         |       |         |
|                     | Label    | A1: How much conf in the following inst'ns:<br>: -The scientific community |       |         |
|                     | Type     | Numeric                                                                    |       |         |

|                                 |                    |                        |     |       |
|---------------------------------|--------------------|------------------------|-----|-------|
|                                 | Format             | F8                     |     |       |
|                                 | Measurement        | Scale                  |     |       |
| N                               | Valid              | 187                    |     |       |
|                                 | Missing            | 5                      |     |       |
| Central Tendency and Dispersion | Mean               | 3.87                   |     |       |
|                                 | Standard Deviation | .686                   |     |       |
|                                 | Percentile 25      | 4.00                   |     |       |
|                                 | Percentile 50      | 4.00                   |     |       |
|                                 | Percentile 75      | 4.00                   |     |       |
| Labeled Values                  | 1                  | No confidence          | 1   | 0.5%  |
|                                 | 2                  | Very little confidence | 5   | 2.6%  |
|                                 | 3                  | Some confidence        | 37  | 19.3% |
|                                 | 4                  | A lot of confidence    | 119 | 62.0% |
|                                 | 5                  | Complete confidence    | 25  | 13.0% |

### alinstconf\_1\_8

|                                 |                    | Value                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 68                                                        |       |         |
|                                 | Label              | A1: How much conf in the following inst'ns:<br>: -TV news |       |         |
|                                 | Type               | Numeric                                                   |       |         |
|                                 | Format             | F8                                                        |       |         |
|                                 | Measurement        | Scale                                                     |       |         |
| N                               | Valid              | 187                                                       |       |         |
|                                 | Missing            | 5                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.75                                                      |       |         |
|                                 | Standard Deviation | .827                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                      |       |         |
| Labeled Values                  | 1                  | No confidence                                             | 13    | 6.8%    |
|                                 | 2                  | Very little confidence                                    | 53    | 27.6%   |
|                                 | 3                  | Some confidence                                           | 90    | 46.9%   |
|                                 | 4                  | A lot of confidence                                       | 30    | 15.6%   |
|                                 | 5                  | Complete confidence                                       | 1     | 0.5%    |

### TA1\_6\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 69                 |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 37.8489            |
|                                 | Standard Deviation | 245.39648          |
|                                 | Percentile 25      | 7.0190             |
|                                 | Percentile 50      | 9.9330             |
|                                 | Percentile 75      | 14.0760            |

**TA1\_6\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 70                |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 187               |
|                                 | Missing            | 5                 |
| Central Tendency and Dispersion | Mean               | 104.3553          |
|                                 | Standard Deviation | 253.47351         |
|                                 | Percentile 25      | 54.8510           |
|                                 | Percentile 50      | 69.5320           |
|                                 | Percentile 75      | 91.1040           |

**TA1\_6\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 71                 |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 107.2114           |
|                                 | Standard Deviation | 253.58477          |
|                                 | Percentile 25      | 56.5090            |
|                                 | Percentile 50      | 70.7980            |
|                                 | Percentile 75      | 93.4770            |

**TA1\_6\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 72                 |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 20.9519            |
|                                 | Standard Deviation | 2.31239            |
|                                 | Percentile 25      | 19.0000            |
|                                 | Percentile 50      | 20.0000            |
|                                 | Percentile 75      | 22.0000            |

**Q153**

|                                 |             | Value                                                                                                   |
|---------------------------------|-------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position    | 73                                                                                                      |
|                                 | Label       | ABOUT NEW BIOLOGY NANOTECHNOLOGY (Section 2 of 5)<br>The "New Biology" issues that you think about l... |
|                                 | Type        | Numeric                                                                                                 |
|                                 | Format      | F8                                                                                                      |
|                                 | Measurement | Scale                                                                                                   |
| N                               | Valid       | 187                                                                                                     |
|                                 | Missing     | 5                                                                                                       |
| Central Tendency and Dispersion | Mean        | 1.00                                                                                                    |

|  |                    |      |
|--|--------------------|------|
|  | Standard Deviation | .000 |
|  | Percentile 25      | 1.00 |
|  | Percentile 50      | 1.00 |
|  | Percentile 75      | 1.00 |

### a1Nanorate\_1

|                                 |                    | Value                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 74                                                                                                                                         |       |         |
|                                 | Label              | A1: Importance:<br>Aspects of nanotech-<br>Making decisions<br>about the most<br>important directions<br>for nanotechnology<br>development |       |         |
|                                 | Type               | Numeric                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                            |       |         |
| N                               | Valid              | 187                                                                                                                                        |       |         |
|                                 | Missing            | 5                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.13                                                                                                                                       |       |         |
|                                 | Standard Deviation | .999                                                                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                                                | 11    | 5.7%    |
|                                 | 2                  | Slightly important                                                                                                                         | 33    | 17.2%   |
|                                 | 3                  | Important                                                                                                                                  | 79    | 41.1%   |
|                                 | 4                  | Very important                                                                                                                             | 48    | 25.0%   |
|                                 | 5                  | Incredibly important                                                                                                                       | 16    | 8.3%    |

### a1Nanorate\_2

|                                 |                    | Value                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 75                                                                                  |       |         |
|                                 | Label              | A1: Importance:<br>Aspects of nanotech-<br>Minimizing potential<br>risks for humans |       |         |
|                                 | Type               | Numeric                                                                             |       |         |
|                                 | Format             | F8                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                               |       |         |
|                                 |                    |                                                                                     |       |         |
| N                               | Valid              | 187                                                                                 |       |         |
|                                 | Missing            | 5                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 4.12                                                                                |       |         |
|                                 | Standard Deviation | .908                                                                                |       |         |
|                                 | Percentile 25      | 4.00                                                                                |       |         |
|                                 | Percentile 50      | 4.00                                                                                |       |         |
|                                 | Percentile 75      | 5.00                                                                                |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                         | 3     | 1.6%    |
|                                 | 2                  | Slightly important                                                                  | 6     | 3.1%    |
|                                 | 3                  | Important                                                                           | 31    | 16.1%   |
|                                 | 4                  | Very important                                                                      | 73    | 38.0%   |

|  |   |                      |    |       |
|--|---|----------------------|----|-------|
|  | 5 | Incredibly important | 74 | 38.5% |
|--|---|----------------------|----|-------|

#### a1Nanorate\_4

|                                 |                    | Value                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 76                                                                                     |       |         |
|                                 | Label              | A1: Importance:<br>Aspects of nanotech-<br>Minimizing potential<br>environmental risks |       |         |
|                                 | Type               | Numeric                                                                                |       |         |
|                                 | Format             | F8                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                  |       |         |
| N                               | Valid              | 187                                                                                    |       |         |
|                                 | Missing            | 5                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.99                                                                                   |       |         |
|                                 | Standard Deviation | .978                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                   |       |         |
|                                 | Percentile 50      | 4.00                                                                                   |       |         |
|                                 | Percentile 75      | 5.00                                                                                   |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                            | 3     | 1.6%    |
|                                 | 2                  | Slightly important                                                                     | 11    | 5.7%    |
|                                 | 3                  | Important                                                                              | 39    | 20.3%   |
|                                 | 4                  | Very important                                                                         | 66    | 34.4%   |
|                                 | 5                  | Incredibly important                                                                   | 68    | 35.4%   |

#### a1Nanorate\_3

|                                 |                    | Value                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 77                                                                                                                             |       |         |
|                                 | Label              | A1: Importance:<br>Aspects of nanotech-<br>Studying the social<br>and ethical impacts<br>and implications of<br>nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                          |       |         |
| N                               | Valid              | 187                                                                                                                            |       |         |
|                                 | Missing            | 5                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.56                                                                                                                           |       |         |
|                                 | Standard Deviation | 1.006                                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                           |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                                    | 5     | 2.6%    |
|                                 | 2                  | Slightly important                                                                                                             | 18    | 9.4%    |
|                                 | 3                  | Important                                                                                                                      | 70    | 36.5%   |
|                                 | 4                  | Very important                                                                                                                 | 56    | 29.2%   |
|                                 | 5                  | Incredibly important                                                                                                           | 38    | 19.8%   |

### a1Nanorate\_5

|                                 |                    | Value                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 78                                                                |       |         |
|                                 | Label              | A1: Importance: Aspects of nanotech-Maximizing potential benefits |       |         |
|                                 | Type               | Numeric                                                           |       |         |
|                                 | Format             | F8                                                                |       |         |
|                                 | Measurement        | Scale                                                             |       |         |
| N                               | Valid              | 187                                                               |       |         |
|                                 | Missing            | 5                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.85                                                              |       |         |
|                                 | Standard Deviation | .989                                                              |       |         |
|                                 | Percentile 25      | 3.00                                                              |       |         |
|                                 | Percentile 50      | 4.00                                                              |       |         |
|                                 | Percentile 75      | 5.00                                                              |       |         |
| Labeled Values                  | 1                  | Unimportant                                                       | 4     | 2.1%    |
|                                 | 2                  | Slightly important                                                | 12    | 6.3%    |
|                                 | 3                  | Important                                                         | 47    | 24.5%   |
|                                 | 4                  | Very important                                                    | 69    | 35.9%   |
|                                 | 5                  | Incredibly important                                              | 55    | 28.6%   |

### a1Nano\_sum\_1

|                                 |                    | Value                                                                                                           |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 79                                                                                                              |
|                                 | Label              | A1: Importance: Percentages-Making decisions about the most important directions for nanotechnology development |
|                                 | Type               | Numeric                                                                                                         |
|                                 | Format             | F8.2                                                                                                            |
|                                 | Measurement        | Scale                                                                                                           |
| N                               | Valid              | 187                                                                                                             |
|                                 | Missing            | 5                                                                                                               |
| Central Tendency and Dispersion | Mean               | 15.2560                                                                                                         |
|                                 | Standard Deviation | 8.64465                                                                                                         |
|                                 | Percentile 25      | 10.0000                                                                                                         |
|                                 | Percentile 50      | 15.0000                                                                                                         |
|                                 | Percentile 75      | 20.0000                                                                                                         |

### a1Nano\_sum\_2

|                                 |                    | Value                                                             |
|---------------------------------|--------------------|-------------------------------------------------------------------|
| Standard Attributes             | Position           | 80                                                                |
|                                 | Label              | A1: Importance: Percentages-Minimizing potential risks for humans |
|                                 | Type               | Numeric                                                           |
|                                 | Format             | F8.2                                                              |
|                                 | Measurement        | Scale                                                             |
| N                               | Valid              | 187                                                               |
|                                 | Missing            | 5                                                                 |
| Central Tendency and Dispersion | Mean               | 28.5481                                                           |
|                                 | Standard Deviation | 11.75513                                                          |
|                                 | Percentile 25      | 20.0000                                                           |

|  |               |         |
|--|---------------|---------|
|  | Percentile 50 | 25.0000 |
|  | Percentile 75 | 35.0000 |

#### a1Nano\_sum\_4

|                                 |                    | Value                                                                 |
|---------------------------------|--------------------|-----------------------------------------------------------------------|
| Standard Attributes             | Position           | 81                                                                    |
|                                 | Label              | A1: Importance: Percentages- Minimizing potential environmental risks |
|                                 | Type               | Numeric                                                               |
|                                 | Format             | F8.2                                                                  |
|                                 | Measurement        | Scale                                                                 |
| N                               | Valid              | 186                                                                   |
|                                 | Missing            | 6                                                                     |
| Central Tendency and Dispersion | Mean               | 22.4263                                                               |
|                                 | Standard Deviation | 9.88394                                                               |
|                                 | Percentile 25      | 17.0000                                                               |
|                                 | Percentile 50      | 20.0000                                                               |
|                                 | Percentile 75      | 30.0000                                                               |

#### a1Nano\_sum\_3

|                                 |                    | Value                                                                                                  |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 82                                                                                                     |
|                                 | Label              | A1: Importance: Percentages-Studying the social and ethical impacts and implications of nanotechnology |
|                                 | Type               | Numeric                                                                                                |
|                                 | Format             | F8.2                                                                                                   |
|                                 | Measurement        | Scale                                                                                                  |
| N                               | Valid              | 187                                                                                                    |
|                                 | Missing            | 5                                                                                                      |
| Central Tendency and Dispersion | Mean               | 15.1495                                                                                                |
|                                 | Standard Deviation | 7.56603                                                                                                |
|                                 | Percentile 25      | 10.0000                                                                                                |
|                                 | Percentile 50      | 15.0000                                                                                                |
|                                 | Percentile 75      | 20.0000                                                                                                |

#### a1Nano\_sum\_5

|                                 |                    | Value                                                      |
|---------------------------------|--------------------|------------------------------------------------------------|
| Standard Attributes             | Position           | 83                                                         |
|                                 | Label              | A1: Importance: Percentages- Maximizing potential benefits |
|                                 | Type               | Numeric                                                    |
|                                 | Format             | F8.2                                                       |
|                                 | Measurement        | Scale                                                      |
| N                               | Valid              | 187                                                        |
|                                 | Missing            | 5                                                          |
| Central Tendency and Dispersion | Mean               | 18.7399                                                    |
|                                 | Standard Deviation | 10.59663                                                   |
|                                 | Percentile 25      | 10.0000                                                    |
|                                 | Percentile 50      | 20.0000                                                    |
|                                 | Percentile 75      | 25.0000                                                    |

#### TA1\_7\_1

|  | Value |
|--|-------|
|--|-------|

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 84                 |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 0                  |
|                                 | Missing            | 192                |
| Central Tendency and Dispersion | Mean               | .                  |
|                                 | Standard Deviation | .                  |
|                                 | Percentile 25      | .                  |
|                                 | Percentile 50      | .                  |
|                                 | Percentile 75      | .                  |

### TA1\_7\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 85                |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 0                 |
|                                 | Missing            | 192               |
| Central Tendency and Dispersion | Mean               | .                 |
|                                 | Standard Deviation | .                 |
|                                 | Percentile 25      | .                 |
|                                 | Percentile 50      | .                 |
|                                 | Percentile 75      | .                 |

### TA1\_7\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 86                 |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 0                  |
|                                 | Missing            | 192                |
| Central Tendency and Dispersion | Mean               | .                  |
|                                 | Standard Deviation | .                  |
|                                 | Percentile 25      | .                  |
|                                 | Percentile 50      | .                  |
|                                 | Percentile 75      | .                  |

### TA1\_7\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 87                 |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 0                  |
|                                 | Missing            | 192                |
| Central Tendency and Dispersion | Mean               | .                  |
|                                 | Standard Deviation | .                  |
|                                 | Percentile 25      | .                  |
|                                 | Percentile 50      | .                  |
|                                 | Percentile 75      | .                  |

### a1\_riskben

| Value | Count | Percent |
|-------|-------|---------|
|-------|-------|---------|

|                                 |                    |                                                            |    |       |
|---------------------------------|--------------------|------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 88                                                         |    |       |
|                                 | Label              | A1: Nanotech present beliefs: Risks v. Bens                |    |       |
|                                 | Type               | Numeric                                                    |    |       |
|                                 | Format             | F8                                                         |    |       |
|                                 | Measurement        | Scale                                                      |    |       |
| N                               | Valid              | 187                                                        |    |       |
|                                 | Missing            | 5                                                          |    |       |
| Central Tendency and Dispersion | Mean               | 3.42                                                       |    |       |
|                                 | Standard Deviation | 1.290                                                      |    |       |
|                                 | Percentile 25      | 2.00                                                       |    |       |
|                                 | Percentile 50      | 3.00                                                       |    |       |
|                                 | Percentile 75      | 5.00                                                       |    |       |
| Labeled Values                  | 1                  | The risks will probably SIGNIFICANTLY exceed the benefits. | 9  | 4.7%  |
|                                 | 2                  | The risks and benefits will probably be about EQUAL.       | 47 | 24.5% |
|                                 | 3                  | The benefits will probably SIGNIFICANTLY exceed the risks. | 45 | 23.4% |
|                                 | 4                  | The risks will probably SLIGHTLY exceed the benefits.      | 28 | 14.6% |
|                                 | 5                  | The benefits will probably SLIGHTLY exceed the risks.      | 58 | 30.2% |

#### a1ATTPRE04\_5

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 89                                                                                                           |       |         |
|                                 | Label              | A1: Nanotech statement agreement- Nanotechnology is one of the more important issues confronting government. |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
| N                               | Valid              | 170                                                                                                          |       |         |
|                                 | Missing            | 22                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.19                                                                                                         |       |         |
|                                 | Standard Deviation | 1.071                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                            | 13    | 6.8%    |
|                                 | 2                  | Disagree                                                                                                     | 31    | 16.1%   |
|                                 | 3                  | Slightly Disagree                                                                                            | 51    | 26.6%   |
|                                 | 4                  | Slightly Agree                                                                                               | 61    | 31.8%   |

|  |   |                |    |      |
|--|---|----------------|----|------|
|  | 5 | Agree          | 14 | 7.3% |
|  | 6 | Strongly Agree | 0  | 0.0% |

#### a1ATTPRE04\_6

|                                 |                    | Value                                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 90                                                                                                                                                                               |       |         |
|                                 | Label              | A1: Nanotech statement agreement-The risk of nanotechnology directly affecting physical things like human health, wildlife, or the environment in general is currently too high. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                                  |       |         |
| N                               | Valid              | 165                                                                                                                                                                              |       |         |
|                                 | Missing            | 27                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.42                                                                                                                                                                             |       |         |
|                                 | Standard Deviation | .911                                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                | 5     | 2.6%    |
|                                 | 2                  | Disagree                                                                                                                                                                         | 19    | 9.9%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                | 57    | 29.7%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                   | 70    | 36.5%   |
|                                 | 5                  | Agree                                                                                                                                                                            | 14    | 7.3%    |
|                                 | 6                  | Strongly Agree                                                                                                                                                                   | 0     | 0.0%    |

#### a1ATTPRE04\_4

|                                 |                    | Value                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 91                                                                                                                                                               |       |         |
|                                 | Label              | A1: Nanotech statement agreement-The risk of nanotechnology affecting social systems like the economy, trade, and sustainable food supply is currently too high. |       |         |
|                                 | Type               | Numeric                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                  |       |         |
| N                               | Valid              | 162                                                                                                                                                              |       |         |
|                                 | Missing            | 30                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.16                                                                                                                                                             |       |         |
|                                 | Standard Deviation | .811                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                             |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 50 | 3.00              |    |       |
|                | Percentile 75 | 4.00              |    |       |
| Labeled Values | 1             | Strongly Disagree | 2  | 1.0%  |
|                | 2             | Disagree          | 31 | 16.1% |
|                | 3             | Slightly Disagree | 73 | 38.0% |
|                | 4             | Slightly Agree    | 51 | 26.6% |
|                | 5             | Agree             | 5  | 2.6%  |
|                | 6             | Strongly Agree    | 0  | 0.0%  |

### a1ATTPRE04\_3

|                                 |                    | Value                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 92                                                                                                                |       |         |
|                                 | Label              | A1: Nanotech statement agreement-The government will effectively manage any risks associated with nanotechnology. |       |         |
|                                 | Type               | Numeric                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                             |       |         |
|                                 |                    |                                                                                                                   |       |         |
| N                               | Valid              | 172                                                                                                               |       |         |
|                                 | Missing            | 20                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.28                                                                                                              |       |         |
|                                 | Standard Deviation | 1.110                                                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                                                                              |       |         |
|                                 |                    |                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                 | 10    | 5.2%    |
|                                 | 2                  | Disagree                                                                                                          | 35    | 18.2%   |
|                                 | 3                  | Slightly Disagree                                                                                                 | 45    | 23.4%   |
|                                 | 4                  | Slightly Agree                                                                                                    | 63    | 32.8%   |
|                                 | 5                  | Agree                                                                                                             | 17    | 8.9%    |
|                                 | 6                  | Strongly Agree                                                                                                    | 2     | 1.0%    |

### a1ATTPRE04\_2

|                     |             | Value                                                                                                                                                                      | Count | Percent |
|---------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 93                                                                                                                                                                         |       |         |
|                     | Label       | A1: Nanotech statement agreement-We should develop nanotechnology at full speed despite its possible risks, in order to keep the U.S. from falling behind other countries. |       |         |
|                     | Type        | Numeric                                                                                                                                                                    |       |         |
|                     | Format      | F8                                                                                                                                                                         |       |         |
|                     | Measurement | Scale                                                                                                                                                                      |       |         |
|                     |             |                                                                                                                                                                            |       |         |
| N                   | Valid       | 176                                                                                                                                                                        |       |         |
|                     | Missing     | 16                                                                                                                                                                         |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
| Central Tendency and Dispersion | Mean               | 3.13              |    |       |
|                                 | Standard Deviation | 1.099             |    |       |
|                                 | Percentile 25      | 2.00              |    |       |
|                                 | Percentile 50      | 3.00              |    |       |
|                                 | Percentile 75      | 4.00              |    |       |
| Labeled Values                  | 1                  | Strongly Disagree | 14 | 7.3%  |
|                                 | 2                  | Disagree          | 36 | 18.8% |
|                                 | 3                  | Slightly Disagree | 57 | 29.7% |
|                                 | 4                  | Slightly Agree    | 53 | 27.6% |
|                                 | 5                  | Agree             | 15 | 7.8%  |
|                                 | 6                  | Strongly Agree    | 1  | 0.5%  |

#### a1ATTPRE04\_1

|                                 |                    | Value                                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 94                                                                                                                                                                                |       |         |
|                                 | Label              | A1: Nanotech statement agreement-Due to the fact that some have expressed strong concern about nanotechnology's risks, we should have a world ban on new nanotechnology products. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                                   |       |         |
| N                               | Valid              | 172                                                                                                                                                                               |       |         |
|                                 | Missing            | 20                                                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.22                                                                                                                                                                              |       |         |
|                                 | Standard Deviation | 1.018                                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                 | 50    | 26.0%   |
|                                 | 2                  | Disagree                                                                                                                                                                          | 57    | 29.7%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                 | 45    | 23.4%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                    | 18    | 9.4%    |
|                                 | 5                  | Agree                                                                                                                                                                             | 2     | 1.0%    |
|                                 | 6                  | Strongly Agree                                                                                                                                                                    | 0     | 0.0%    |

#### a1ATTPRE02\_1

|                                 |                    | Value                                                                |
|---------------------------------|--------------------|----------------------------------------------------------------------|
| Standard Attributes             | Position           | 95                                                                   |
|                                 | Label              | A1: Benefits ranking-New and better ways to clean up the environment |
|                                 | Type               | Numeric                                                              |
|                                 | Format             | F8.2                                                                 |
|                                 | Measurement        | Scale                                                                |
|                                 |                    |                                                                      |
| N                               | Valid              | 187                                                                  |
|                                 | Missing            | 5                                                                    |
| Central Tendency and Dispersion | Mean               | 3.4973                                                               |
|                                 | Standard Deviation | 1.58411                                                              |

|  |               |        |
|--|---------------|--------|
|  | Percentile 25 | 2.0000 |
|  | Percentile 50 | 3.0000 |
|  | Percentile 75 | 5.0000 |

#### a1ATTPRE02\_2

|                                 |                    | Value                                                                               |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 96                                                                                  |
|                                 | Label              | A1: Benefits ranking-<br>The ability to improve humans through genetic manipulation |
|                                 | Type               | Numeric                                                                             |
|                                 | Format             | F8.2                                                                                |
|                                 | Measurement        | Scale                                                                               |
| N                               | Valid              | 187                                                                                 |
|                                 | Missing            | 5                                                                                   |
| Central Tendency and Dispersion | Mean               | 5.8021                                                                              |
|                                 | Standard Deviation | 1.73775                                                                             |
|                                 | Percentile 25      | 5.0000                                                                              |
|                                 | Percentile 50      | 7.0000                                                                              |
|                                 | Percentile 75      | 7.0000                                                                              |

#### a1ATTPRE02\_3

|                                 |                    | Value                                                                         |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 97                                                                            |
|                                 | Label              | A1: Benefits ranking-<br>Increased national security and defense capabilities |
|                                 | Type               | Numeric                                                                       |
|                                 | Format             | F8.2                                                                          |
|                                 | Measurement        | Scale                                                                         |
| N                               | Valid              | 187                                                                           |
|                                 | Missing            | 5                                                                             |
| Central Tendency and Dispersion | Mean               | 4.3209                                                                        |
|                                 | Standard Deviation | 1.71763                                                                       |
|                                 | Percentile 25      | 3.0000                                                                        |
|                                 | Percentile 50      | 4.0000                                                                        |
|                                 | Percentile 75      | 6.0000                                                                        |

#### a1ATTPRE02\_4

|                                 |                    | Value                                                              |
|---------------------------------|--------------------|--------------------------------------------------------------------|
| Standard Attributes             | Position           | 98                                                                 |
|                                 | Label              | A1: Benefits ranking-<br>Cheaper, longer lasting consumer products |
|                                 | Type               | Numeric                                                            |
|                                 | Format             | F8.2                                                               |
|                                 | Measurement        | Scale                                                              |
| N                               | Valid              | 187                                                                |
|                                 | Missing            | 5                                                                  |
| Central Tendency and Dispersion | Mean               | 4.7647                                                             |
|                                 | Standard Deviation | 1.70648                                                            |
|                                 | Percentile 25      | 3.0000                                                             |
|                                 | Percentile 50      | 5.0000                                                             |
|                                 | Percentile 75      | 6.0000                                                             |

#### a1ATTPRE02\_5

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 99    |

|                                 |                    |                                                                                       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------|
|                                 | Label              | A1: Benefits ranking-<br>New and better ways<br>to treat and detect<br>human diseases |
|                                 | Type               | Numeric                                                                               |
|                                 | Format             | F8.2                                                                                  |
|                                 | Measurement        | Scale                                                                                 |
| N                               | Valid              | 187                                                                                   |
|                                 | Missing            | 5                                                                                     |
| Central Tendency and Dispersion | Mean               | 2.0963                                                                                |
|                                 | Standard Deviation | 1.42984                                                                               |
|                                 | Percentile 25      | 1.0000                                                                                |
|                                 | Percentile 50      | 1.0000                                                                                |
|                                 | Percentile 75      | 3.0000                                                                                |

#### a1ATTPRE02\_6

|                                 |                    |                                                                       |
|---------------------------------|--------------------|-----------------------------------------------------------------------|
|                                 |                    | Value                                                                 |
| Standard Attributes             | Position           | 100                                                                   |
|                                 | Label              | A1: Benefits ranking-<br>A greater utilization of<br>renewable energy |
|                                 | Type               | Numeric                                                               |
|                                 | Format             | F8.2                                                                  |
|                                 | Measurement        | Scale                                                                 |
|                                 |                    |                                                                       |
| N                               | Valid              | 187                                                                   |
|                                 | Missing            | 5                                                                     |
| Central Tendency and Dispersion | Mean               | 2.9786                                                                |
|                                 | Standard Deviation | 1.58269                                                               |
|                                 | Percentile 25      | 2.0000                                                                |
|                                 | Percentile 50      | 3.0000                                                                |
|                                 | Percentile 75      | 4.0000                                                                |

#### a1ATTPRE02\_7

|                                 |                    |                                                                                                       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                 |
| Standard Attributes             | Position           | 101                                                                                                   |
|                                 | Label              | A1: Benefits ranking-<br>The ability to use<br>nanomedicines to<br>improve human<br>mental capacities |
|                                 | Type               | Numeric                                                                                               |
|                                 | Format             | F8.2                                                                                                  |
|                                 | Measurement        | Scale                                                                                                 |
|                                 |                    |                                                                                                       |
| N                               | Valid              | 187                                                                                                   |
|                                 | Missing            | 5                                                                                                     |
| Central Tendency and Dispersion | Mean               | 4.5401                                                                                                |
|                                 | Standard Deviation | 1.73585                                                                                               |
|                                 | Percentile 25      | 3.0000                                                                                                |
|                                 | Percentile 50      | 5.0000                                                                                                |
|                                 | Percentile 75      | 6.0000                                                                                                |

#### a1ATTPRE03\_1

|                                 |             |                                                                                       |
|---------------------------------|-------------|---------------------------------------------------------------------------------------|
|                                 |             | Value                                                                                 |
| Standard Attributes             | Position    | 102                                                                                   |
|                                 | Label       | A1: Risk ranking-<br>Economic disruption<br>caused by the loss of<br>traditional jobs |
|                                 | Type        | Numeric                                                                               |
|                                 | Format      | F8.2                                                                                  |
|                                 | Measurement | Scale                                                                                 |
|                                 |             |                                                                                       |
| N                               | Valid       | 187                                                                                   |
|                                 | Missing     | 5                                                                                     |
| Central Tendency and Dispersion | Mean        | 4.6417                                                                                |

|  |                    |         |
|--|--------------------|---------|
|  | Standard Deviation | 1.75823 |
|  | Percentile 25      | 3.0000  |
|  | Percentile 50      | 5.0000  |
|  | Percentile 75      | 6.0000  |

#### a1ATTPRE03\_2

|                                 |                    | Value                                                                          |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 103                                                                            |
|                                 | Label              | A1: Risk ranking-Losing your personal privacy to tiny new surveillance devices |
|                                 | Type               | Numeric                                                                        |
|                                 | Format             | F8.2                                                                           |
|                                 | Measurement        | Scale                                                                          |
| N                               | Valid              | 187                                                                            |
|                                 | Missing            | 5                                                                              |
| Central Tendency and Dispersion | Mean               | 4.2995                                                                         |
|                                 | Standard Deviation | 2.08067                                                                        |
|                                 | Percentile 25      | 3.0000                                                                         |
|                                 | Percentile 50      | 5.0000                                                                         |
|                                 | Percentile 75      | 6.0000                                                                         |

#### a1ATTPRE03\_3

|                                 |                    | Value                                                                                   |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 104                                                                                     |
|                                 | Label              | A1: Risk ranking-A nanotechnology inspired arms race between the U.S. and other nations |
|                                 | Type               | Numeric                                                                                 |
|                                 | Format             | F8.2                                                                                    |
|                                 | Measurement        | Scale                                                                                   |
| N                               | Valid              | 187                                                                                     |
|                                 | Missing            | 5                                                                                       |
| Central Tendency and Dispersion | Mean               | 4.2193                                                                                  |
|                                 | Standard Deviation | 2.12260                                                                                 |
|                                 | Percentile 25      | 2.0000                                                                                  |
|                                 | Percentile 50      | 4.0000                                                                                  |
|                                 | Percentile 75      | 6.0000                                                                                  |

#### a1ATTPRE03\_4

|                                 |                    | Value                                                                          |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 105                                                                            |
|                                 | Label              | A1: Risk ranking-New health problems for people due to the use of nanomedicine |
|                                 | Type               | Numeric                                                                        |
|                                 | Format             | F8.2                                                                           |
|                                 | Measurement        | Scale                                                                          |
| N                               | Valid              | 187                                                                            |
|                                 | Missing            | 5                                                                              |
| Central Tendency and Dispersion | Mean               | 3.0695                                                                         |
|                                 | Standard Deviation | 1.78117                                                                        |
|                                 | Percentile 25      | 2.0000                                                                         |
|                                 | Percentile 50      | 3.0000                                                                         |
|                                 | Percentile 75      | 4.0000                                                                         |

#### a1ATTPRE03\_5

|                                 |                    | Value                                                                                     |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 106                                                                                       |
|                                 | Label              | A1: Risk ranking-Unexpected problems due to the use of nanogenomics to alter genetic code |
|                                 | Type               | Numeric                                                                                   |
|                                 | Format             | F8.2                                                                                      |
|                                 | Measurement        | Scale                                                                                     |
| N                               | Valid              | 187                                                                                       |
|                                 | Missing            | 5                                                                                         |
| Central Tendency and Dispersion | Mean               | 3.4439                                                                                    |
|                                 | Standard Deviation | 2.01361                                                                                   |
|                                 | Percentile 25      | 2.0000                                                                                    |
|                                 | Percentile 50      | 3.0000                                                                                    |
|                                 | Percentile 75      | 5.0000                                                                                    |

### a1ATTPRE03\_6

|                                 |                    | Value                                                          |
|---------------------------------|--------------------|----------------------------------------------------------------|
| Standard Attributes             | Position           | 107                                                            |
|                                 | Label              | A1: Risk ranking-Pollution of the environment by nanomaterials |
|                                 | Type               | Numeric                                                        |
|                                 | Format             | F8.2                                                           |
|                                 | Measurement        | Scale                                                          |
| N                               | Valid              | 187                                                            |
|                                 | Missing            | 5                                                              |
| Central Tendency and Dispersion | Mean               | 3.7380                                                         |
|                                 | Standard Deviation | 1.92069                                                        |
|                                 | Percentile 25      | 2.0000                                                         |
|                                 | Percentile 50      | 4.0000                                                         |
|                                 | Percentile 75      | 5.0000                                                         |

### a1ATTPRE03\_7

|                                 |                    | Value                                                                             |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 108                                                                               |
|                                 | Label              | A1: Risk ranking-Breathing tiny nano-sized particles that accumulate in your body |
|                                 | Type               | Numeric                                                                           |
|                                 | Format             | F8.2                                                                              |
|                                 | Measurement        | Scale                                                                             |
| N                               | Valid              | 187                                                                               |
|                                 | Missing            | 5                                                                                 |
| Central Tendency and Dispersion | Mean               | 4.5882                                                                            |
|                                 | Standard Deviation | 1.77693                                                                           |
|                                 | Percentile 25      | 3.0000                                                                            |
|                                 | Percentile 50      | 5.0000                                                                            |
|                                 | Percentile 75      | 6.0000                                                                            |

### TA1\_8\_1

|                     |             | Value              |
|---------------------|-------------|--------------------|
| Standard Attributes | Position    | 109                |
|                     | Label       | Timing-First Click |
|                     | Type        | Numeric            |
|                     | Format      | F8.2               |
|                     | Measurement | Scale              |
| N                   | Valid       | 187                |

|                                 |                    |           |
|---------------------------------|--------------------|-----------|
|                                 | Missing            | 5         |
| Central Tendency and Dispersion | Mean               | 69.8597   |
|                                 | Standard Deviation | 668.98737 |
|                                 | Percentile 25      | 9.7450    |
|                                 | Percentile 50      | 13.8870   |
|                                 | Percentile 75      | 20.7140   |

### TA1\_8\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 110               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 187               |
|                                 | Missing            | 5                 |
| Central Tendency and Dispersion | Mean               | 452.2606          |
|                                 | Standard Deviation | 2328.27194        |
|                                 | Percentile 25      | 147.1430          |
|                                 | Percentile 50      | 187.5350          |
|                                 | Percentile 75      | 262.8370          |

### TA1\_8\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 111                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 459.7609           |
|                                 | Standard Deviation | 2328.38352         |
|                                 | Percentile 25      | 149.7360           |
|                                 | Percentile 50      | 196.4260           |
|                                 | Percentile 75      | 270.8560           |

### TA1\_8\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 112                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 22.2460            |
|                                 | Standard Deviation | 13.06820           |
|                                 | Percentile 25      | 18.0000            |
|                                 | Percentile 50      | 20.0000            |
|                                 | Percentile 75      | 24.0000            |

### Q207

|                     |          |       |
|---------------------|----------|-------|
|                     |          | Value |
| Standard Attributes | Position | 113   |

|                                 |                    |                                                                                                                     |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|
|                                 | Label              | NANOMEDICINE<br>NANOGENOMICS<br>(Section 3 of 5) The<br>two topics you will talk<br>most about later in<br>the s... |
|                                 | Type               | Numeric                                                                                                             |
|                                 | Format             | F8                                                                                                                  |
|                                 | Measurement        | Scale                                                                                                               |
|                                 | Valid              | 187                                                                                                                 |
| N                               | Missing            | 5                                                                                                                   |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                |
|                                 | Standard Deviation | .000                                                                                                                |
|                                 | Percentile 25      | 1.00                                                                                                                |
|                                 | Percentile 50      | 1.00                                                                                                                |
|                                 | Percentile 75      | 1.00                                                                                                                |

#### a1ATTPRE05\_1\_1

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 114                                                                          |       |         |
|                                 | Label              | A1: NM Benefits :<br>Likelihood-The<br>extension of human<br>life expectancy |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
| N                               | Valid              | 187                                                                          |       |         |
|                                 | Missing            | 5                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.32                                                                         |       |         |
|                                 | Standard Deviation | .869                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                            | 5     | 2.6%    |
|                                 | 2                  | Slightly likely                                                              | 23    | 12.0%   |
|                                 | 3                  | Somewhat likely                                                              | 79    | 41.1%   |
|                                 | 4                  | Very likely                                                                  | 68    | 35.4%   |
|                                 | 5                  | Extremely likely                                                             | 12    | 6.3%    |

#### a1ATTPRE05\_1\_2

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 115                                                                       |       |         |
|                                 | Label              | A1: NM Benefits :<br>Likelihood-Cheap and<br>more universal<br>healthcare |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
| N                               | Valid              | 187                                                                       |       |         |
|                                 | Missing            | 5                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.13                                                                      |       |         |
|                                 | Standard Deviation | .883                                                                      |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 25 | 3.00              |    |       |
|                | Percentile 50 | 3.00              |    |       |
|                | Percentile 75 | 4.00              |    |       |
| Labeled Values | 1             | Not at all likely | 5  | 2.6%  |
|                | 2             | Slightly likely   | 36 | 18.8% |
|                | 3             | Somewhat likely   | 87 | 45.3% |
|                | 4             | Very likely       | 48 | 25.0% |
|                | 5             | Extremely likely  | 11 | 5.7%  |

#### a1ATTPRE05\_1\_3

|                                 |                    | Value                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 116                                             |       |         |
|                                 | Label              | A1: NM Benefits : Likelihood-Fewer side effects |       |         |
|                                 | Type               | Numeric                                         |       |         |
|                                 | Format             | F8                                              |       |         |
|                                 | Measurement        | Scale                                           |       |         |
| N                               | Valid              | 187                                             |       |         |
|                                 | Missing            | 5                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.98                                            |       |         |
|                                 | Standard Deviation | .855                                            |       |         |
|                                 | Percentile 25      | 2.00                                            |       |         |
|                                 | Percentile 50      | 3.00                                            |       |         |
|                                 | Percentile 75      | 4.00                                            |       |         |
| Labeled Values                  | 1                  | Not at all likely                               | 8     | 4.2%    |
|                                 | 2                  | Slightly likely                                 | 42    | 21.9%   |
|                                 | 3                  | Somewhat likely                                 | 87    | 45.3%   |
|                                 | 4                  | Very likely                                     | 46    | 24.0%   |
|                                 | 5                  | Extremely likely                                | 4     | 2.1%    |

#### a1ATTPRE05\_1\_4

|                                 |                    | Value                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 117                                                                                 |       |         |
|                                 | Label              | A1: NM Benefits : Likelihood-Higher rate of terminal illness (e.g. cancer) survival |       |         |
|                                 | Type               | Numeric                                                                             |       |         |
|                                 | Format             | F8                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                               |       |         |
| N                               | Valid              | 187                                                                                 |       |         |
|                                 | Missing            | 5                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.40                                                                                |       |         |
|                                 | Standard Deviation | .833                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                   | 1     | 0.5%    |
|                                 | 2                  | Slightly likely                                                                     | 21    | 10.9%   |

|  |   |                  |    |       |
|--|---|------------------|----|-------|
|  | 3 | Somewhat likely  | 85 | 44.3% |
|  | 4 | Very likely      | 62 | 32.3% |
|  | 5 | Extremely likely | 18 | 9.4%  |
|  |   |                  |    |       |

#### a1ATTPRE05\_1\_5

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 118                                                                                                             |       |         |
|                                 | Label              | A1: NM Benefits :<br>Likelihood-<br>Improvement of<br>individuals' physical<br>abilities and muscle<br>function |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 187                                                                                                             |       |         |
|                                 | Missing            | 5                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                                                                                            |       |         |
|                                 | Standard Deviation | .827                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                                               | 2     | 1.0%    |
|                                 | 2                  | Slightly likely                                                                                                 | 23    | 12.0%   |
|                                 | 3                  | Somewhat likely                                                                                                 | 94    | 49.0%   |
|                                 | 4                  | Very likely                                                                                                     | 53    | 27.6%   |
|                                 | 5                  | Extremely likely                                                                                                | 15    | 7.8%    |

#### a1ATTPRE05\_1\_6

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 119                                                                                                          |       |         |
|                                 | Label              | A1: NM Benefits :<br>Likelihood-<br>Improvement of<br>individuals' mental<br>abilities and brain<br>function |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
|                                 |                    |                                                                                                              |       |         |
| N                               | Valid              | 187                                                                                                          |       |         |
|                                 | Missing            | 5                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.06                                                                                                         |       |         |
|                                 | Standard Deviation | .881                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                         |       |         |
|                                 | Percentile 75      | 3.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                                            | 6     | 3.1%    |
|                                 | 2                  | Slightly likely                                                                                              | 36    | 18.8%   |
|                                 | 3                  | Somewhat likely                                                                                              | 99    | 51.6%   |
|                                 | 4                  | Very likely                                                                                                  | 33    | 17.2%   |

|  |   |                  |    |      |
|--|---|------------------|----|------|
|  | 5 | Extremely likely | 13 | 6.8% |
|--|---|------------------|----|------|

#### a1ATTPRE05\_2\_1

|                                 |                    | Value                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 120                                                                                                         |       |         |
|                                 | Label              | A1: NM Benefits :<br>How important do you think this benefit is?-<br>The extension of human life expectancy |       |         |
|                                 | Type               | Numeric                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                       |       |         |
|                                 |                    |                                                                                                             |       |         |
| N                               | Valid              | 187                                                                                                         |       |         |
|                                 | Missing            | 5                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.92                                                                                                        |       |         |
|                                 | Standard Deviation | 1.140                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                                        |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                 | 25    | 13.0%   |
|                                 | 2                  | Slightly Important                                                                                          | 37    | 19.3%   |
|                                 | 3                  | Somewhat Important                                                                                          | 70    | 36.5%   |
|                                 | 4                  | Very Important                                                                                              | 38    | 19.8%   |
|                                 | 5                  | Extremely important                                                                                         | 17    | 8.9%    |

#### a1ATTPRE05\_2\_2

|                                 |                    | Value                                                                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 121                                                                                                      |       |         |
|                                 | Label              | A1: NM Benefits :<br>How important do you think this benefit is?-<br>Cheap and more universal healthcare |       |         |
|                                 | Type               | Numeric                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                    |       |         |
|                                 |                    |                                                                                                          |       |         |
| N                               | Valid              | 187                                                                                                      |       |         |
|                                 | Missing            | 5                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.64                                                                                                     |       |         |
|                                 | Standard Deviation | 1.066                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                     |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                              | 8     | 4.2%    |
|                                 | 2                  | Slightly Important                                                                                       | 18    | 9.4%    |
|                                 | 3                  | Somewhat Important                                                                                       | 50    | 26.0%   |
|                                 | 4                  | Very Important                                                                                           | 69    | 35.9%   |
|                                 | 5                  | Extremely important                                                                                      | 42    | 21.9%   |

### a1ATTPRE05\_2\_3

|                                 |                    | Value                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 122                                                                                   |       |         |
|                                 | Label              | A1: NM Benefits :<br>How important do you think this benefit is? - Fewer side effects |       |         |
|                                 | Type               | Numeric                                                                               |       |         |
|                                 | Format             | F8                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                 |       |         |
| N                               | Valid              | 187                                                                                   |       |         |
|                                 | Missing            | 5                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.70                                                                                  |       |         |
|                                 | Standard Deviation | .903                                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                  |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                           | 2     | 1.0%    |
|                                 | 2                  | Slightly Important                                                                    | 14    | 7.3%    |
|                                 | 3                  | Somewhat Important                                                                    | 59    | 30.7%   |
|                                 | 4                  | Very Important                                                                        | 76    | 39.6%   |
|                                 | 5                  | Extremely important                                                                   | 36    | 18.8%   |

### a1ATTPRE05\_2\_4

|                                 |                    | Value                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 123                                                                                                                       |       |         |
|                                 | Label              | A1: NM Benefits :<br>How important do you think this benefit is? - Higher rate of terminal illness (e.g. cancer) survival |       |         |
|                                 | Type               | Numeric                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                     |       |         |
| N                               | Valid              | 187                                                                                                                       |       |         |
|                                 | Missing            | 5                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 4.14                                                                                                                      |       |         |
|                                 | Standard Deviation | .913                                                                                                                      |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                      |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                               | 4     | 2.1%    |
|                                 | 2                  | Slightly Important                                                                                                        | 2     | 1.0%    |
|                                 | 3                  | Somewhat Important                                                                                                        | 36    | 18.8%   |
|                                 | 4                  | Very Important                                                                                                            | 66    | 34.4%   |
|                                 | 5                  | Extremely important                                                                                                       | 79    | 41.1%   |

### a1ATTPRE05\_2\_5

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                                         |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 124                                                                                                                                     |    |       |
|                                 | Label              | A1: NM Benefits :<br>How important do you think this benefit is?-<br>Improvement of individuals' physical abilities and muscle function |    |       |
|                                 | Type               | Numeric                                                                                                                                 |    |       |
|                                 | Format             | F8                                                                                                                                      |    |       |
|                                 | Measurement        | Scale                                                                                                                                   |    |       |
|                                 |                    |                                                                                                                                         |    |       |
| N                               | Valid              | 187                                                                                                                                     |    |       |
|                                 | Missing            | 5                                                                                                                                       |    |       |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                                                                    |    |       |
|                                 | Standard Deviation | 1.046                                                                                                                                   |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                    |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                    |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                    |    |       |
| Labeled Values                  | 1                  | Unimportant                                                                                                                             | 11 | 5.7%  |
|                                 | 2                  | Slightly Important                                                                                                                      | 38 | 19.8% |
|                                 | 3                  | Somewhat Important                                                                                                                      | 57 | 29.7% |
|                                 | 4                  | Very Important                                                                                                                          | 65 | 33.9% |
|                                 | 5                  | Extremely important                                                                                                                     | 16 | 8.3%  |

#### a1ATTPRE05\_2\_6

|                                 |                    | Value                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 125                                                                                                                                  |       |         |
|                                 | Label              | A1: NM Benefits :<br>How important do you think this benefit is?-<br>Improvement of individuals' mental abilities and brain function |       |         |
|                                 | Type               | Numeric                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                      |       |         |
| N                               | Valid              | 187                                                                                                                                  |       |         |
|                                 | Missing            | 5                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                                                                                                 |       |         |
|                                 | Standard Deviation | 1.129                                                                                                                                |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                                          | 11    | 5.7%    |
|                                 | 2                  | Slightly Important                                                                                                                   | 37    | 19.3%   |
|                                 | 3                  | Somewhat Important                                                                                                                   | 59    | 30.7%   |
|                                 | 4                  | Very Important                                                                                                                       | 50    | 26.0%   |
|                                 | 5                  | Extremely important                                                                                                                  | 30    | 15.6%   |

#### a1ATTPRE06\_1\_1

|  | Value | Count | Percent |
|--|-------|-------|---------|
|--|-------|-------|---------|

|                                 |                    |                                                                                        |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 126                                                                                    |    |       |
|                                 | Label              | A1: NG: Effects Atts: :<br>Likelihood-Drastic<br>reductions in the<br>effects of aging |    |       |
|                                 | Type               | Numeric                                                                                |    |       |
|                                 | Format             | F8                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                  |    |       |
| N                               | Valid              | 187                                                                                    |    |       |
|                                 | Missing            | 5                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 3.02                                                                                   |    |       |
|                                 | Standard Deviation | .786                                                                                   |    |       |
|                                 | Percentile 25      | 3.00                                                                                   |    |       |
|                                 | Percentile 50      | 3.00                                                                                   |    |       |
|                                 | Percentile 75      | 4.00                                                                                   |    |       |
| Labeled Values                  | 1                  | Not at all likely                                                                      | 3  | 1.6%  |
|                                 | 2                  | Slightly likely                                                                        | 43 | 22.4% |
|                                 | 3                  | Somewhat likely                                                                        | 93 | 48.4% |
|                                 | 4                  | Very likely                                                                            | 44 | 22.9% |
|                                 | 5                  | Extremely likely                                                                       | 4  | 2.1%  |

#### a1ATTPRE06\_1\_2

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 127                                                                                                    |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>Likelihood-The<br>creation of "designer<br>babies" (aka, "super<br>babies") |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
| N                               | Valid              | 187                                                                                                    |       |         |
|                                 | Missing            | 5                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.81                                                                                                   |       |         |
|                                 | Standard Deviation | 1.048                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                                      | 23    | 12.0%   |
|                                 | 2                  | Slightly likely                                                                                        | 45    | 23.4%   |
|                                 | 3                  | Somewhat likely                                                                                        | 72    | 37.5%   |
|                                 | 4                  | Very likely                                                                                            | 38    | 19.8%   |
|                                 | 5                  | Extremely likely                                                                                       | 9     | 4.7%    |

#### a1ATTPRE06\_1\_3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 128   |       |         |

|                                 |                    |                                                                                                          |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: NG: Effects Atts: :<br>Likelihood-No more<br>passing on of genetic<br>diseases to one's<br>offspring |    |       |
|                                 | Type               | Numeric                                                                                                  |    |       |
|                                 | Format             | F8                                                                                                       |    |       |
|                                 | Measurement        | Scale                                                                                                    |    |       |
| N                               | Valid              | 187                                                                                                      |    |       |
|                                 | Missing            | 5                                                                                                        |    |       |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                     |    |       |
|                                 | Standard Deviation | .863                                                                                                     |    |       |
|                                 | Percentile 25      | 2.00                                                                                                     |    |       |
|                                 | Percentile 50      | 3.00                                                                                                     |    |       |
|                                 | Percentile 75      | 4.00                                                                                                     |    |       |
| Labeled Values                  | 1                  | Not at all likely                                                                                        | 11 | 5.7%  |
|                                 | 2                  | Slightly likely                                                                                          | 38 | 19.8% |
|                                 | 3                  | Somewhat likely                                                                                          | 90 | 46.9% |
|                                 | 4                  | Very likely                                                                                              | 45 | 23.4% |
|                                 | 5                  | Extremely likely                                                                                         | 3  | 1.6%  |

#### a1ATTPRE06\_1\_4

|                                 |                    | Value                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 129                                                              |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>Likelihood-A new<br>eugenics movement |       |         |
|                                 | Type               | Numeric                                                          |       |         |
|                                 | Format             | F8                                                               |       |         |
|                                 | Measurement        | Scale                                                            |       |         |
| N                               | Valid              | 187                                                              |       |         |
|                                 | Missing            | 5                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.89                                                             |       |         |
|                                 | Standard Deviation | .927                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                             |       |         |
|                                 | Percentile 75      | 3.00                                                             |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                | 15    | 7.8%    |
|                                 | 2                  | Slightly likely                                                  | 38    | 19.8%   |
|                                 | 3                  | Somewhat likely                                                  | 94    | 49.0%   |
|                                 | 4                  | Very likely                                                      | 32    | 16.7%   |
|                                 | 5                  | Extremely likely                                                 | 8     | 4.2%    |

#### a1ATTPRE06\_1\_5

|                     |          | Value                                                                 | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 130                                                                   |       |         |
|                     | Label    | A1: NG: Effects Atts: :<br>Likelihood-<br>Unforeseen side-<br>effects |       |         |
|                     | Type     | Numeric                                                               |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
|                                 | Format             | F8                |    |       |
|                                 | Measurement        | Scale             |    |       |
| N                               | Valid              | 187               |    |       |
|                                 | Missing            | 5                 |    |       |
| Central Tendency and Dispersion | Mean               | 3.61              |    |       |
|                                 | Standard Deviation | .875              |    |       |
|                                 | Percentile 25      | 3.00              |    |       |
|                                 | Percentile 50      | 4.00              |    |       |
|                                 | Percentile 75      | 4.00              |    |       |
| Labeled Values                  | 1                  | Not at all likely | 0  | 0.0%  |
|                                 | 2                  | Slightly likely   | 17 | 8.9%  |
|                                 | 3                  | Somewhat likely   | 71 | 37.0% |
|                                 | 4                  | Very likely       | 67 | 34.9% |
|                                 | 5                  | Extremely likely  | 32 | 16.7% |

**a1ATTPRE06\_1\_6**

|                                 |                    | Value                                                                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 131                                                                                           |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>Likelihood-The<br>eradication of genetic<br>inheritance of disease |       |         |
|                                 | Type               | Numeric                                                                                       |       |         |
|                                 | Format             | F8                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                         |       |         |
|                                 |                    |                                                                                               |       |         |
| N                               | Valid              | 187                                                                                           |       |         |
|                                 | Missing            | 5                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.91                                                                                          |       |         |
|                                 | Standard Deviation | .888                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                          |       |         |
|                                 | Percentile 75      | 3.00                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                             | 13    | 6.8%    |
|                                 | 2                  | Slightly likely                                                                               | 37    | 19.3%   |
|                                 | 3                  | Somewhat likely                                                                               | 96    | 50.0%   |
|                                 | 4                  | Very likely                                                                                   | 35    | 18.2%   |
|                                 | 5                  | Extremely likely                                                                              | 6     | 3.1%    |

**a1ATTPRE06\_1\_7**

|                     |             | Value                                                                                               | Count | Percent |
|---------------------|-------------|-----------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 132                                                                                                 |       |         |
|                     | Label       | A1: NG: Effects Atts: :<br>Likelihood-Economic<br>development through<br>investment and<br>research |       |         |
|                     | Type        | Numeric                                                                                             |       |         |
|                     | Format      | F8                                                                                                  |       |         |
|                     | Measurement | Scale                                                                                               |       |         |
|                     |             |                                                                                                     |       |         |
| N                   | Valid       | 187                                                                                                 |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
|                                 | Missing            | 5                 |    |       |
| Central Tendency and Dispersion | Mean               | 3.37              |    |       |
|                                 | Standard Deviation | .809              |    |       |
|                                 | Percentile 25      | 3.00              |    |       |
|                                 | Percentile 50      | 3.00              |    |       |
|                                 | Percentile 75      | 4.00              |    |       |
| Labeled Values                  | 1                  | Not at all likely | 2  | 1.0%  |
|                                 | 2                  | Slightly likely   | 20 | 10.4% |
|                                 | 3                  | Somewhat likely   | 84 | 43.8% |
|                                 | 4                  | Very likely       | 68 | 35.4% |
|                                 | 5                  | Extremely likely  | 13 | 6.8%  |

#### a1ATTPRE06\_1\_8

|                                 |                    | Value                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 133                                                                                                                                                   |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>Likelihood-Siphoning<br>of US funds away<br>from more important<br>purposes related to<br>the immediate<br>economic crisis |       |         |
|                                 | Type               | Numeric                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                       |       |         |
| N                               | Valid              | 187                                                                                                                                                   |       |         |
|                                 | Missing            | 5                                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.94                                                                                                                                                  |       |         |
|                                 | Standard Deviation | .940                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                                                                                     | 15    | 7.8%    |
|                                 | 2                  | Slightly likely                                                                                                                                       | 36    | 18.8%   |
|                                 | 3                  | Somewhat likely                                                                                                                                       | 88    | 45.8%   |
|                                 | 4                  | Very likely                                                                                                                                           | 41    | 21.4%   |
|                                 | 5                  | Extremely likely                                                                                                                                      | 7     | 3.6%    |

#### a1ATTPRE06\_2\_1

|                     |             | Value                                                                                                                              | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 134                                                                                                                                |       |         |
|                     | Label       | A1: NG: Effects Atts: :<br>Do you see this effect<br>as a benefit or<br>drawback?-Drastic<br>reductions in the<br>effects of aging |       |         |
|                     | Type        | Numeric                                                                                                                            |       |         |
|                     | Format      | F8                                                                                                                                 |       |         |
|                     | Measurement | Scale                                                                                                                              |       |         |
|                     |             |                                                                                                                                    |       |         |
| N                   | Valid       | 187                                                                                                                                |       |         |
|                     | Missing     | 5                                                                                                                                  |       |         |

|                                 |                    |          |     |       |
|---------------------------------|--------------------|----------|-----|-------|
| Central Tendency and Dispersion | Mean               | 1.18     |     |       |
|                                 | Standard Deviation | .387     |     |       |
|                                 | Percentile 25      | 1.00     |     |       |
|                                 | Percentile 50      | 1.00     |     |       |
|                                 | Percentile 75      | 1.00     |     |       |
| Labeled Values                  | 1                  | Benefit  | 153 | 79.7% |
|                                 | 2                  | Drawback | 34  | 17.7% |

#### a1ATTPRE06\_2\_2

|                                 |                    | Value                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 135                                                                                                                              |       |         |
|                                 | Label              | A1: NG: Effects Atts: : Do you see this effect as a benefit or drawback?-The creation of "designer babies" (aka, "super babies") |       |         |
|                                 | Type               | Numeric                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                            |       |         |
| N                               | Valid              | 187                                                                                                                              |       |         |
|                                 | Missing            | 5                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 1.79                                                                                                                             |       |         |
|                                 | Standard Deviation | .411                                                                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                             |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                             |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                                          | 40    | 20.8%   |
|                                 | 2                  | Drawback                                                                                                                         | 147   | 76.6%   |

#### a1ATTPRE06\_2\_3

|                                 |                    | Value                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 136                                                                                                                                |       |         |
|                                 | Label              | A1: NG: Effects Atts: : Do you see this effect as a benefit or drawback?-No more passing on of genetic diseases to one's offspring |       |         |
|                                 | Type               | Numeric                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                              |       |         |
| N                               | Valid              | 187                                                                                                                                |       |         |
|                                 | Missing            | 5                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 1.11                                                                                                                               |       |         |
|                                 | Standard Deviation | .317                                                                                                                               |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                               |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                               |       |         |

|                |               |          |     |       |
|----------------|---------------|----------|-----|-------|
|                | Percentile 75 | 1.00     |     |       |
| Labeled Values | 1             | Benefit  | 166 | 86.5% |
|                | 2             | Drawback | 21  | 10.9% |

#### a1ATTPRE06\_2\_4

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 137                                                                                                          |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>Do you see this effect<br>as a benefit or<br>drawback?-A new<br>eugenics movement |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
|                                 |                    |                                                                                                              |       |         |
| N                               | Valid              | 187                                                                                                          |       |         |
|                                 | Missing            | 5                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 1.50                                                                                                         |       |         |
|                                 | Standard Deviation | .501                                                                                                         |       |         |
|                                 | Percentile 25      | 1.00                                                                                                         |       |         |
|                                 | Percentile 50      | 1.00                                                                                                         |       |         |
|                                 | Percentile 75      | 2.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                      | 94    | 49.0%   |
|                                 | 2                  | Drawback                                                                                                     | 93    | 48.4%   |

#### a1ATTPRE06\_2\_5

|                                 |                    | Value                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 138                                                                                                               |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>Do you see this effect<br>as a benefit or<br>drawback?-<br>Unforeseen side-<br>effects |       |         |
|                                 | Type               | Numeric                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                             |       |         |
|                                 |                    |                                                                                                                   |       |         |
| N                               | Valid              | 187                                                                                                               |       |         |
|                                 | Missing            | 5                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 1.90                                                                                                              |       |         |
|                                 | Standard Deviation | .303                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                              |       |         |
|                                 | Percentile 50      | 2.00                                                                                                              |       |         |
|                                 | Percentile 75      | 2.00                                                                                                              |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                           | 19    | 9.9%    |
|                                 | 2                  | Drawback                                                                                                          | 168   | 87.5%   |

#### a1ATTPRE06\_2\_6

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                               |     |       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-----|-------|
| Standard Attributes             | Position           | 139                                                                                                                           |     |       |
|                                 | Label              | A1: NG: Effects Atts: :<br>Do you see this effect as a benefit or drawback?-The eradication of genetic inheritance of disease |     |       |
|                                 | Type               | Numeric                                                                                                                       |     |       |
|                                 | Format             | F8                                                                                                                            |     |       |
|                                 | Measurement        | Scale                                                                                                                         |     |       |
|                                 |                    |                                                                                                                               |     |       |
| N                               | Valid              | 187                                                                                                                           |     |       |
|                                 | Missing            | 5                                                                                                                             |     |       |
| Central Tendency and Dispersion | Mean               | 1.17                                                                                                                          |     |       |
|                                 | Standard Deviation | .373                                                                                                                          |     |       |
|                                 | Percentile 25      | 1.00                                                                                                                          |     |       |
|                                 | Percentile 50      | 1.00                                                                                                                          |     |       |
|                                 | Percentile 75      | 1.00                                                                                                                          |     |       |
| Labeled Values                  | 1                  | Benefit                                                                                                                       | 156 | 81.3% |
|                                 | 2                  | Drawback                                                                                                                      | 31  | 16.1% |

#### a1ATTPRE06\_2\_7

|                                 |                    | Value                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 140                                                                                                                              |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>Do you see this effect as a benefit or drawback?-Economic development through investment and research |       |         |
|                                 | Type               | Numeric                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                  |       |         |
| N                               | Valid              | 187                                                                                                                              |       |         |
|                                 | Missing            | 5                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 1.03                                                                                                                             |       |         |
|                                 | Standard Deviation | .177                                                                                                                             |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                             |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                             |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                                          | 181   | 94.3%   |
|                                 | 2                  | Drawback                                                                                                                         | 6     | 3.1%    |

#### a1ATTPRE06\_2\_8

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 141   |       |         |

|                                 |                    |                                                                                                                                                                              |     |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|
|                                 | Label              | A1: NG: Effects Atts: :<br>Do you see this effect as a benefit or drawback?-Siphoning of US funds away from more important purposes related to the immediate economic crisis |     |       |
|                                 | Type               | Numeric                                                                                                                                                                      |     |       |
|                                 | Format             | F8                                                                                                                                                                           |     |       |
|                                 | Measurement        | Scale                                                                                                                                                                        |     |       |
| N                               | Valid              | 187                                                                                                                                                                          |     |       |
|                                 | Missing            | 5                                                                                                                                                                            |     |       |
| Central Tendency and Dispersion | Mean               | 1.89                                                                                                                                                                         |     |       |
|                                 | Standard Deviation | .317                                                                                                                                                                         |     |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                         |     |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                                         |     |       |
|                                 | Percentile 75      | 2.00                                                                                                                                                                         |     |       |
| Labeled Values                  | 1                  | Benefit                                                                                                                                                                      | 21  | 10.9% |
|                                 | 2                  | Drawback                                                                                                                                                                     | 166 | 86.5% |

#### a1ATTPRE06\_3\_1

|                                 |                    | Value                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 142                                                                                                                                                   |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-Drastic reductions in the effects of aging |       |         |
|                                 | Type               | Numeric                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                       |       |         |
| N                               | Valid              | 187                                                                                                                                                   |       |         |
|                                 | Missing            | 5                                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.80                                                                                                                                                  |       |         |
|                                 | Standard Deviation | .972                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                            | 16    | 8.3%    |
|                                 | 2                  | Slightly                                                                                                                                              | 54    | 28.1%   |
|                                 | 3                  | Some what                                                                                                                                             | 76    | 39.6%   |
|                                 | 4                  | Very                                                                                                                                                  | 33    | 17.2%   |
|                                 | 5                  | Extremely                                                                                                                                             | 8     | 4.2%    |

#### a1ATTPRE06\_3\_2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 143   |       |         |

|                                 |                    |                                                                                                                                                                        |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>The creation of "designer babies" (aka, "super babies") |    |       |
|                                 | Type               | Numeric                                                                                                                                                                |    |       |
|                                 | Format             | F8                                                                                                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                  |    |       |
| N                               | Valid              | 187                                                                                                                                                                    |    |       |
|                                 | Missing            | 5                                                                                                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 3.12                                                                                                                                                                   |    |       |
|                                 | Standard Deviation | 1.407                                                                                                                                                                  |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                   |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                                                   |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                   |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                             | 35 | 18.2% |
|                                 | 2                  | Slightly                                                                                                                                                               | 28 | 14.6% |
|                                 | 3                  | Some what                                                                                                                                                              | 44 | 22.9% |
|                                 | 4                  | Very                                                                                                                                                                   | 39 | 20.3% |
|                                 | 5                  | Extremely                                                                                                                                                              | 41 | 21.4% |

#### a1ATTPRE06\_3\_3

|                                 |                    | Value                                                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 144                                                                                                                                                                      |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>No more passing on of genetic diseases to one's offspring |       |         |
|                                 | Type               | Numeric                                                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                    |       |         |
|                                 |                    |                                                                                                                                                                          |       |         |
| N                               | Valid              | 187                                                                                                                                                                      |       |         |
|                                 | Missing            | 5                                                                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.74                                                                                                                                                                     |       |         |
|                                 | Standard Deviation | .932                                                                                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                               | 2     | 1.0%    |
|                                 | 2                  | Slightly                                                                                                                                                                 | 15    | 7.8%    |
|                                 | 3                  | Some what                                                                                                                                                                | 54    | 28.1%   |
|                                 | 4                  | Very                                                                                                                                                                     | 74    | 38.5%   |
|                                 | 5                  | Extremely                                                                                                                                                                | 42    | 21.9%   |

#### a1ATTPRE06\_3\_4

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                                        |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 145                                                                                                                                    |    |       |
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>A new eugenics movement |    |       |
|                                 | Type               | Numeric                                                                                                                                |    |       |
|                                 | Format             | F8                                                                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                                                                  |    |       |
|                                 |                    |                                                                                                                                        |    |       |
| N                               | Valid              | 187                                                                                                                                    |    |       |
|                                 | Missing            | 5                                                                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 2.97                                                                                                                                   |    |       |
|                                 | Standard Deviation | 1.080                                                                                                                                  |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                   |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                   |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                   |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                             | 18 | 9.4%  |
|                                 | 2                  | Slightly                                                                                                                               | 39 | 20.3% |
|                                 | 3                  | Some what                                                                                                                              | 78 | 40.6% |
|                                 | 4                  | Very                                                                                                                                   | 34 | 17.7% |
|                                 | 5                  | Extremely                                                                                                                              | 18 | 9.4%  |

#### a1ATTPRE06\_3\_5

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 146                                                                                                                                    |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>Unforeseen side-effects |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 187                                                                                                                                    |       |         |
|                                 | Missing            | 5                                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.67                                                                                                                                   |       |         |
|                                 | Standard Deviation | .998                                                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                             | 5     | 2.6%    |
|                                 | 2                  | Slightly                                                                                                                               | 14    | 7.3%    |
|                                 | 3                  | Some what                                                                                                                              | 61    | 31.8%   |
|                                 | 4                  | Very                                                                                                                                   | 64    | 33.3%   |
|                                 | 5                  | Extremely                                                                                                                              | 43    | 22.4%   |

#### a1ATTPRE06\_3\_6

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                                                                |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 147                                                                                                                                                            |    |       |
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid? - The eradication of genetic inheritance of disease |    |       |
|                                 | Type               | Numeric                                                                                                                                                        |    |       |
|                                 | Format             | F8                                                                                                                                                             |    |       |
|                                 | Measurement        | Scale                                                                                                                                                          |    |       |
|                                 |                    |                                                                                                                                                                |    |       |
| N                               | Valid              | 187                                                                                                                                                            |    |       |
|                                 | Missing            | 5                                                                                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.65                                                                                                                                                           |    |       |
|                                 | Standard Deviation | .851                                                                                                                                                           |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                                           |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                                                           |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                           |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                     | 2  | 1.0%  |
|                                 | 2                  | Slightly                                                                                                                                                       | 9  | 4.7%  |
|                                 | 3                  | Some what                                                                                                                                                      | 73 | 38.0% |
|                                 | 4                  | Very                                                                                                                                                           | 72 | 37.5% |
|                                 | 5                  | Extremely                                                                                                                                                      | 31 | 16.1% |

#### a1ATTPRE06\_3\_7

|                                 |                    | Value                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 148                                                                                                                                                               |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid? - Economic development through investment and research |       |         |
|                                 | Type               | Numeric                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                   |       |         |
| N                               | Valid              | 187                                                                                                                                                               |       |         |
|                                 | Missing            | 5                                                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                                                                                              |       |         |
|                                 | Standard Deviation | .759                                                                                                                                                              |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                        | 2     | 1.0%    |
|                                 | 2                  | Slightly                                                                                                                                                          | 18    | 9.4%    |
|                                 | 3                  | Some what                                                                                                                                                         | 93    | 48.4%   |
|                                 | 4                  | Very                                                                                                                                                              | 65    | 33.9%   |
|                                 | 5                  | Extremely                                                                                                                                                         | 9     | 4.7%    |

#### a1ATTPRE06\_3\_8

|                                 |                    | Value                                                                                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 149                                                                                                                                                                                                             |       |         |
|                                 | Label              | A1: NG: Effects Atts: :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>Siphoning of US funds away from more important purposes related to the immediate economic crisis |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                                                                                 |       |         |
| N                               | Valid              | 187                                                                                                                                                                                                             |       |         |
|                                 | Missing            | 5                                                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.048                                                                                                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                      | 12    | 6.3%    |
|                                 | 2                  | Slightly                                                                                                                                                                                                        | 31    | 16.1%   |
|                                 | 3                  | Some what                                                                                                                                                                                                       | 71    | 37.0%   |
|                                 | 4                  | Very                                                                                                                                                                                                            | 53    | 27.6%   |
|                                 | 5                  | Extremely                                                                                                                                                                                                       | 20    | 10.4%   |

### TA1\_9\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 150                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 84.1477            |
|                                 | Standard Deviation | 597.18706          |
|                                 | Percentile 25      | 13.1670            |
|                                 | Percentile 50      | 21.9010            |
|                                 | Percentile 75      | 38.9350            |

### TA1\_9\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 151               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
|                                 |                    |                   |
| N                               | Valid              | 187               |
|                                 | Missing            | 5                 |
| Central Tendency and Dispersion | Mean               | 282.3094          |
|                                 | Standard Deviation | 609.40737         |
|                                 | Percentile 25      | 155.4860          |
|                                 | Percentile 50      | 208.0040          |
|                                 | Percentile 75      | 275.6830          |

### TA1\_9\_3

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 152                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 303.9271           |
|                                 | Standard Deviation | 673.36127          |
|                                 | Percentile 25      | 158.8580           |
|                                 | Percentile 50      | 208.9630           |
|                                 | Percentile 75      | 276.8640           |

### TA1\_9\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 153                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 187                |
|                                 | Missing            | 5                  |
| Central Tendency and Dispersion | Mean               | 41.8342            |
|                                 | Standard Deviation | 6.41062            |
|                                 | Percentile 25      | 38.0000            |
|                                 | Percentile 50      | 40.0000            |
|                                 | Percentile 75      | 44.0000            |

### A1confsci1\_1

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 154                                                                        |       |         |
|                                 | Label              | A1: Experience w Nanoscientists-How much do you know about nanoscientists? |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
| N                               | Valid              | 90                                                                         |       |         |
|                                 | Missing            | 102                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 1.79                                                                       |       |         |
|                                 | Standard Deviation | .814                                                                       |       |         |
|                                 | Percentile 25      | 1.00                                                                       |       |         |
|                                 | Percentile 50      | 2.00                                                                       |       |         |
|                                 | Percentile 75      | 2.00                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                 | 39    | 20.3%   |
|                                 | 2                  | Just a little                                                              | 33    | 17.2%   |
|                                 | 3                  | Some                                                                       | 16    | 8.3%    |
|                                 | 4                  | Quite a bit                                                                | 2     | 1.0%    |
|                                 | 5                  | A great deal                                                               | 0     | 0.0%    |

### A1confsci1\_2

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 155                                                                                                          |       |         |
|                                 | Label              | A1: Experience w Nanoscientists-To what extent have you had experiences or interactions with nanoscientists? |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
|                                 |                    |                                                                                                              |       |         |
| N                               | Valid              | 90                                                                                                           |       |         |
|                                 | Missing            | 102                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 1.26                                                                                                         |       |         |
|                                 | Standard Deviation | .572                                                                                                         |       |         |
|                                 | Percentile 25      | 1.00                                                                                                         |       |         |
|                                 | Percentile 50      | 1.00                                                                                                         |       |         |
|                                 | Percentile 75      | 1.00                                                                                                         |       |         |
|                                 |                    |                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                   | 73    | 38.0%   |
|                                 | 2                  | Just a little                                                                                                | 11    | 5.7%    |
|                                 | 3                  | Some                                                                                                         | 6     | 3.1%    |
|                                 | 4                  | Quite a bit                                                                                                  | 0     | 0.0%    |
|                                 | 5                  | A great deal                                                                                                 | 0     | 0.0%    |

### A1confsci1\_3

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 156                                                                                                    |       |         |
|                                 | Label              | A1: Experience w Nanoscientists-To what extent do you feel certain in your views about nanoscientists? |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
|                                 |                    |                                                                                                        |       |         |
| N                               | Valid              | 90                                                                                                     |       |         |
|                                 | Missing            | 102                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 1.96                                                                                                   |       |         |
|                                 | Standard Deviation | .935                                                                                                   |       |         |
|                                 | Percentile 25      | 1.00                                                                                                   |       |         |
|                                 | Percentile 50      | 2.00                                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                                   |       |         |
|                                 |                    |                                                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                             | 35    | 18.2%   |
|                                 | 2                  | Just a little                                                                                          | 30    | 15.6%   |
|                                 | 3                  | Some                                                                                                   | 19    | 9.9%    |
|                                 | 4                  | Quite a bit                                                                                            | 6     | 3.1%    |
|                                 | 5                  | A great deal                                                                                           | 0     | 0.0%    |

Q117

Value

|                                 |                    |                                                                                                         |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 157                                                                                                     |
|                                 | Label              | Please make the following judgments based on whatever knowledge or experience you have right now. Do... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 0                                                                                                       |
|                                 | Missing            | 192                                                                                                     |
| Central Tendency and Dispersion | Mean               | .                                                                                                       |
|                                 | Standard Deviation | .                                                                                                       |
|                                 | Percentile 25      | .                                                                                                       |
|                                 | Percentile 50      | .                                                                                                       |
|                                 | Percentile 75      | .                                                                                                       |

### A1confsci2\_1

|                                 |                    | Value                                                | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 158                                                  |       |         |
|                                 | Label              | A1: Conf in nanoscientists to...- Do their jobs well |       |         |
|                                 | Type               | Numeric                                              |       |         |
|                                 | Format             | F8                                                   |       |         |
|                                 | Measurement        | Scale                                                |       |         |
| N                               | Valid              | 90                                                   |       |         |
|                                 | Missing            | 102                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.58                                                 |       |         |
|                                 | Standard Deviation | .764                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                           | 0     | 0.0%    |
|                                 | 2                  | Just a little                                        | 7     | 3.6%    |
|                                 | 3                  | Some                                                 | 32    | 16.7%   |
|                                 | 4                  | Quite a bit                                          | 43    | 22.4%   |
|                                 | 5                  | A great deal                                         | 8     | 4.2%    |

### A1confsci2\_2

|                                 |             | Value                                                                      | Count | Percent |
|---------------------------------|-------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 159                                                                        |       |         |
|                                 | Label       | A1: Conf in nanoscientists to...- Meet their professional responsibilities |       |         |
|                                 | Type        | Numeric                                                                    |       |         |
|                                 | Format      | F8                                                                         |       |         |
|                                 | Measurement | Scale                                                                      |       |         |
| N                               | Valid       | 90                                                                         |       |         |
|                                 | Missing     | 102                                                                        |       |         |
| Central Tendency and Dispersion | Mean        | 3.50                                                                       |       |         |

|                |                    |               |    |       |
|----------------|--------------------|---------------|----|-------|
|                | Standard Deviation | .811          |    |       |
|                | Percentile 25      | 3.00          |    |       |
|                | Percentile 50      | 4.00          |    |       |
|                | Percentile 75      | 4.00          |    |       |
| Labeled Values | 1                  | Not at all    | 1  | 0.5%  |
|                | 2                  | Just a little | 7  | 3.6%  |
|                | 3                  | Some          | 36 | 18.8% |
|                | 4                  | Quite a bit   | 38 | 19.8% |
|                | 5                  | A great deal  | 8  | 4.2%  |

### A1confsci2\_3

|                                 |                    | Value                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 160                                                                   |       |         |
|                                 | Label              | A1: Conf in nanoscientists to...- Meet their ethical responsibilities |       |         |
|                                 | Type               | Numeric                                                               |       |         |
|                                 | Format             | F8                                                                    |       |         |
|                                 | Measurement        | Scale                                                                 |       |         |
|                                 |                    |                                                                       |       |         |
| N                               | Valid              | 90                                                                    |       |         |
|                                 | Missing            | 102                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.03                                                                  |       |         |
|                                 | Standard Deviation | .930                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                            | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                         | 20    | 10.4%   |
|                                 | 3                  | Some                                                                  | 40    | 20.8%   |
|                                 | 4                  | Quite a bit                                                           | 21    | 10.9%   |
|                                 | 5                  | A great deal                                                          | 5     | 2.6%    |

### A1confsci2\_4

|                                 |                    | Value                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 161                                                                                                                      |       |         |
|                                 | Label              | A1: Conf in nanoscientists to...- Go above and beyond what is expected of them professionally in order to better society |       |         |
|                                 | Type               | Numeric                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                    |       |         |
|                                 |                    |                                                                                                                          |       |         |
| N                               | Valid              | 90                                                                                                                       |       |         |
|                                 | Missing            | 102                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.12                                                                                                                     |       |         |
|                                 | Standard Deviation | .747                                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                     |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 1  | 0.5%  |
|                | 2             | Just a little | 16 | 8.3%  |
|                | 3             | Some          | 45 | 23.4% |
|                | 4             | Quite a bit   | 27 | 14.1% |
|                | 5             | A great deal  | 1  | 0.5%  |

### A1confsci2\_5

|                                 |                    | Value                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 162                                                                                                                                  |       |         |
|                                 | Label              | A1: Conf in nanoscientists to...- Go above and beyond what is expected of them professionally in order to protect society from risks |       |         |
|                                 | Type               | Numeric                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                      |       |         |
| N                               | Valid              | 90                                                                                                                                   |       |         |
|                                 | Missing            | 102                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.08                                                                                                                                 |       |         |
|                                 | Standard Deviation | .782                                                                                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                           | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                        | 17    | 8.9%    |
|                                 | 3                  | Some                                                                                                                                 | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                                                                                                          | 26    | 13.5%   |
|                                 | 5                  | A great deal                                                                                                                         | 1     | 0.5%    |

### A1confsci3\_1

|                                 |                    | Value                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 163                                    |       |         |
|                                 | Label              | A1: Nanoscientists...- Are trustworthy |       |         |
|                                 | Type               | Numeric                                |       |         |
|                                 | Format             | F8                                     |       |         |
|                                 | Measurement        | Scale                                  |       |         |
|                                 |                    |                                        |       |         |
| N                               | Valid              | 90                                     |       |         |
|                                 | Missing            | 102                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.21                                   |       |         |
|                                 | Standard Deviation | .800                                   |       |         |
|                                 | Percentile 25      | 3.00                                   |       |         |
|                                 | Percentile 50      | 3.00                                   |       |         |
|                                 | Percentile 75      | 4.00                                   |       |         |
| Labeled Values                  | 1                  | Not at all                             | 2     | 1.0%    |

|  |   |               |    |       |
|--|---|---------------|----|-------|
|  | 2 | Just a little | 10 | 5.2%  |
|  | 3 | Some          | 50 | 26.0% |
|  | 4 | Quite a bit   | 23 | 12.0% |
|  | 5 | A great deal  | 5  | 2.6%  |

### A1confsci3\_2

|                                 |                    | Value                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 164                                         |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are untrustworthy |       |         |
|                                 | Type               | Numeric                                     |       |         |
|                                 | Format             | F8                                          |       |         |
|                                 | Measurement        | Scale                                       |       |         |
| N                               | Valid              | 90                                          |       |         |
|                                 | Missing            | 102                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.31                                        |       |         |
|                                 | Standard Deviation | .882                                        |       |         |
|                                 | Percentile 25      | 2.00                                        |       |         |
|                                 | Percentile 50      | 2.00                                        |       |         |
|                                 | Percentile 75      | 3.00                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                  | 18    | 9.4%    |
|                                 | 2                  | Just a little                               | 33    | 17.2%   |
|                                 | 3                  | Some                                        | 32    | 16.7%   |
|                                 | 4                  | Quite a bit                                 | 7     | 3.6%    |
|                                 | 5                  | A great deal                                | 0     | 0.0%    |

### A1confsci3\_3

|                                 |                    | Value                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------|-------|---------|
| Standard Attributes             | Position           | 165                                  |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are honest |       |         |
|                                 | Type               | Numeric                              |       |         |
|                                 | Format             | F8                                   |       |         |
|                                 | Measurement        | Scale                                |       |         |
| N                               | Valid              | 90                                   |       |         |
|                                 | Missing            | 102                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                 |       |         |
|                                 | Standard Deviation | .741                                 |       |         |
|                                 | Percentile 25      | 3.00                                 |       |         |
|                                 | Percentile 50      | 3.00                                 |       |         |
|                                 | Percentile 75      | 4.00                                 |       |         |
| Labeled Values                  | 1                  | Not at all                           | 1     | 0.5%    |
|                                 | 2                  | Just a little                        | 7     | 3.6%    |
|                                 | 3                  | Some                                 | 51    | 26.6%   |
|                                 | 4                  | Quite a bit                          | 26    | 13.5%   |
|                                 | 5                  | A great deal                         | 5     | 2.6%    |

### A1confsci3\_4

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                       |    |       |
|---------------------------------|--------------------|---------------------------------------|----|-------|
| Standard Attributes             | Position           | 166                                   |    |       |
|                                 | Label              | A1: Nanoscientists...-<br>Are ethical |    |       |
|                                 | Type               | Numeric                               |    |       |
|                                 | Format             | F8                                    |    |       |
|                                 | Measurement        | Scale                                 |    |       |
| N                               | Valid              | 90                                    |    |       |
|                                 | Missing            | 102                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.17                                  |    |       |
|                                 | Standard Deviation | .691                                  |    |       |
|                                 | Percentile 25      | 3.00                                  |    |       |
|                                 | Percentile 50      | 3.00                                  |    |       |
|                                 | Percentile 75      | 4.00                                  |    |       |
| Labeled Values                  | 1                  | Not at all                            | 2  | 1.0%  |
|                                 | 2                  | Just a little                         | 9  | 4.7%  |
|                                 | 3                  | Some                                  | 51 | 26.6% |
|                                 | 4                  | Quite a bit                           | 28 | 14.6% |
|                                 | 5                  | A great deal                          | 0  | 0.0%  |

#### A1confsci3\_5

|                                 |                    | Value                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 167                                     |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are dishonest |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
| N                               | Valid              | 90                                      |       |         |
|                                 | Missing            | 102                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.17                                    |       |         |
|                                 | Standard Deviation | .838                                    |       |         |
|                                 | Percentile 25      | 2.00                                    |       |         |
|                                 | Percentile 50      | 2.00                                    |       |         |
|                                 | Percentile 75      | 3.00                                    |       |         |
| Labeled Values                  | 1                  | Not at all                              | 22    | 11.5%   |
|                                 | 2                  | Just a little                           | 34    | 17.7%   |
|                                 | 3                  | Some                                    | 31    | 16.1%   |
|                                 | 4                  | Quite a bit                             | 3     | 1.6%    |
|                                 | 5                  | A great deal                            | 0     | 0.0%    |

#### A1confsci3\_6

|                     |             | Value                              | Count | Percent |
|---------------------|-------------|------------------------------------|-------|---------|
| Standard Attributes | Position    | 168                                |       |         |
|                     | Label       | A1: Nanoscientists...-<br>Are fair |       |         |
|                     | Type        | Numeric                            |       |         |
|                     | Format      | F8                                 |       |         |
|                     | Measurement | Scale                              |       |         |
| N                   | Valid       | 90                                 |       |         |

|                                 |                    |               |      |    |       |
|---------------------------------|--------------------|---------------|------|----|-------|
|                                 | Missing            |               | 102  |    |       |
| Central Tendency and Dispersion | Mean               |               | 3.27 |    |       |
|                                 | Standard Deviation |               | .761 |    |       |
|                                 | Percentile 25      |               | 3.00 |    |       |
|                                 | Percentile 50      |               | 3.00 |    |       |
|                                 | Percentile 75      |               | 4.00 |    |       |
| Labeled Values                  | 1                  | Not at all    |      | 2  | 1.0%  |
|                                 | 2                  | Just a little |      | 7  | 3.6%  |
|                                 | 3                  | Some          |      | 50 | 26.0% |
|                                 | 4                  | Quite a bit   |      | 27 | 14.1% |
|                                 | 5                  | A great deal  |      | 4  | 2.1%  |

### A1confsci3\_7

|                                 |                    | Value                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 169                                                         |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are competent to do<br>their jobs |       |         |
|                                 | Type               | Numeric                                                     |       |         |
|                                 | Format             | F8                                                          |       |         |
|                                 | Measurement        | Scale                                                       |       |         |
| N                               | Valid              | 90                                                          |       |         |
|                                 | Missing            | 102                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.66                                                        |       |         |
|                                 | Standard Deviation | .837                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                  | 0     | 0.0%    |
|                                 | 2                  | Just a little                                               | 7     | 3.6%    |
|                                 | 3                  | Some                                                        | 31    | 16.1%   |
|                                 | 4                  | Quite a bit                                                 | 38    | 19.8%   |
|                                 | 5                  | A great deal                                                | 14    | 7.3%    |

### A1confsci3\_8

|                                 |                    | Value                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           |                                                               | 170   |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are incompetent to<br>do their jobs |       |         |
|                                 | Type               | Numeric                                                       |       |         |
|                                 | Format             | F8                                                            |       |         |
|                                 | Measurement        | Scale                                                         |       |         |
| N                               | Valid              |                                                               | 90    |         |
|                                 | Missing            |                                                               | 102   |         |
| Central Tendency and Dispersion | Mean               |                                                               | 1.86  |         |
|                                 | Standard Deviation |                                                               | .906  |         |
|                                 | Percentile 25      |                                                               | 1.00  |         |
|                                 | Percentile 50      |                                                               | 2.00  |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 75 | 2.00          |    |       |
| Labeled Values | 1             | Not at all    | 39 | 20.3% |
|                | 2             | Just a little | 29 | 15.1% |
|                | 3             | Some          | 19 | 9.9%  |
|                | 4             | Quite a bit   | 2  | 1.0%  |
|                | 5             | A great deal  | 1  | 0.5%  |

### A1confsci3\_9

|                                 |                    | Value                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 171                                                                             |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Have the knowledge<br>needed to do their<br>jobs well |       |         |
|                                 | Type               | Numeric                                                                         |       |         |
|                                 | Format             | F8                                                                              |       |         |
|                                 | Measurement        | Scale                                                                           |       |         |
|                                 |                    |                                                                                 |       |         |
| N                               | Valid              | 90                                                                              |       |         |
|                                 | Missing            | 102                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.76                                                                            |       |         |
|                                 | Standard Deviation | .839                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                            |       |         |
|                                 | Percentile 50      | 4.00                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                      | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                   | 5     | 2.6%    |
|                                 | 3                  | Some                                                                            | 30    | 15.6%   |
|                                 | 4                  | Quite a bit                                                                     | 37    | 19.3%   |
|                                 | 5                  | A great deal                                                                    | 18    | 9.4%    |

### A1confsci3\_10

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 172                                                                          |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Have the skills<br>needed to do their<br>jobs well |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
|                                 |                    |                                                                              |       |         |
| N                               | Valid              | 90                                                                           |       |         |
|                                 | Missing            | 102                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.77                                                                         |       |         |
|                                 | Standard Deviation | .765                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 4.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                   | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                | 2     | 1.0%    |
|                                 | 3                  | Some                                                                         | 33    | 17.2%   |
|                                 | 4                  | Quite a bit                                                                  | 39    | 20.3%   |

|  |   |              |    |      |
|--|---|--------------|----|------|
|  | 5 | A great deal | 16 | 8.3% |
|--|---|--------------|----|------|

### A1confsci3\_11

|                                 |                    | Value                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 173                                                                            |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Have the training<br>needed to do their<br>jobs well |       |         |
|                                 | Type               | Numeric                                                                        |       |         |
|                                 | Format             | F8                                                                             |       |         |
|                                 | Measurement        | Scale                                                                          |       |         |
| N                               | Valid              | 90                                                                             |       |         |
|                                 | Missing            | 102                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.91                                                                           |       |         |
|                                 | Standard Deviation | .788                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                           |       |         |
|                                 | Percentile 50      | 4.00                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                     | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                  | 3     | 1.6%    |
|                                 | 3                  | Some                                                                           | 23    | 12.0%   |
|                                 | 4                  | Quite a bit                                                                    | 43    | 22.4%   |
|                                 | 5                  | A great deal                                                                   | 21    | 10.9%   |

### A1confsci3\_12

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 174                                                                       |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Use fair procedures<br>when making<br>decisions |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
| N                               | Valid              | 90                                                                        |       |         |
|                                 | Missing            | 102                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                                      |       |         |
|                                 | Standard Deviation | .761                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                             | 10    | 5.2%    |
|                                 | 3                  | Some                                                                      | 41    | 21.4%   |
|                                 | 4                  | Quite a bit                                                               | 36    | 18.8%   |
|                                 | 5                  | A great deal                                                              | 1     | 0.5%    |

### A1confsci3\_13

|                                 |                    | Value                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 175                                                       |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Listen to everyone's<br>opinion |       |         |
|                                 | Type               | Numeric                                                   |       |         |
|                                 | Format             | F8                                                        |       |         |
|                                 | Measurement        | Scale                                                     |       |         |
| N                               | Valid              | 90                                                        |       |         |
|                                 | Missing            | 102                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.80                                                      |       |         |
|                                 | Standard Deviation | .939                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                | 8     | 4.2%    |
|                                 | 2                  | Just a little                                             | 22    | 11.5%   |
|                                 | 3                  | Some                                                      | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                               | 12    | 6.3%    |
|                                 | 5                  | A great deal                                              | 4     | 2.1%    |

#### A1confsci3\_14

|                                 |                    | Value                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 176                                           |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Treat people fairly |       |         |
|                                 | Type               | Numeric                                       |       |         |
|                                 | Format             | F8                                            |       |         |
|                                 | Measurement        | Scale                                         |       |         |
| N                               | Valid              | 90                                            |       |         |
|                                 | Missing            | 102                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.23                                          |       |         |
|                                 | Standard Deviation | .688                                          |       |         |
|                                 | Percentile 25      | 3.00                                          |       |         |
|                                 | Percentile 50      | 3.00                                          |       |         |
|                                 | Percentile 75      | 4.00                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                    | 0     | 0.0%    |
|                                 | 2                  | Just a little                                 | 10    | 5.2%    |
|                                 | 3                  | Some                                          | 52    | 27.1%   |
|                                 | 4                  | Quite a bit                                   | 25    | 13.0%   |
|                                 | 5                  | A great deal                                  | 3     | 1.6%    |

#### A1confsci3\_15

|                     |          | Value                                                            | Count | Percent |
|---------------------|----------|------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 177                                                              |       |         |
|                     | Label    | A1: Nanoscientists...-<br>Care about the<br>community they serve |       |         |
|                     | Type     | Numeric                                                          |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 90            |    |       |
|                                 | Missing            | 102           |    |       |
| Central Tendency and Dispersion | Mean               | 3.32          |    |       |
|                                 | Standard Deviation | .747          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 0  | 0.0%  |
|                                 | 2                  | Just a little | 12 | 6.3%  |
|                                 | 3                  | Some          | 40 | 20.8% |
|                                 | 4                  | Quite a bit   | 35 | 18.2% |
|                                 | 5                  | A great deal  | 3  | 1.6%  |

### A1confsci3\_16

|                                 |                    | Value                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 178                                                       |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are impartial to their findings |       |         |
|                                 | Type               | Numeric                                                   |       |         |
|                                 | Format             | F8                                                        |       |         |
|                                 | Measurement        | Scale                                                     |       |         |
| N                               | Valid              | 90                                                        |       |         |
|                                 | Missing            | 102                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.51                                                      |       |         |
|                                 | Standard Deviation | .915                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                | 13    | 6.8%    |
|                                 | 2                  | Just a little                                             | 29    | 15.1%   |
|                                 | 3                  | Some                                                      | 39    | 20.3%   |
|                                 | 4                  | Quite a bit                                               | 7     | 3.6%    |
|                                 | 5                  | A great deal                                              | 2     | 1.0%    |

### A1confsci3\_17

|                                 |             | Value                                                   | Count | Percent |
|---------------------------------|-------------|---------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 179                                                     |       |         |
|                                 | Label       | A1: Nanoscientists...-<br>Reach the correct conclusions |       |         |
|                                 | Type        | Numeric                                                 |       |         |
|                                 | Format      | F8                                                      |       |         |
|                                 | Measurement | Scale                                                   |       |         |
| N                               | Valid       | 90                                                      |       |         |
|                                 | Missing     | 102                                                     |       |         |
| Central Tendency and Dispersion | Mean        | 3.08                                                    |       |         |

|                |                    |               |      |       |  |
|----------------|--------------------|---------------|------|-------|--|
|                | Standard Deviation |               | .674 |       |  |
|                | Percentile 25      |               | 3.00 |       |  |
|                | Percentile 50      |               | 3.00 |       |  |
|                | Percentile 75      |               | 3.00 |       |  |
| Labeled Values | 1                  | Not at all    | 2    | 1.0%  |  |
|                | 2                  | Just a little | 11   | 5.7%  |  |
|                | 3                  | Some          | 55   | 28.6% |  |
|                | 4                  | Quite a bit   | 22   | 11.5% |  |
|                | 5                  | A great deal  | 0    | 0.0%  |  |

### A1confsci3\_18

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 180                                                                          |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Reach conclusions<br>that are best for<br>everyone |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
| N                               | Valid              | 90                                                                           |       |         |
|                                 | Missing            | 102                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.08                                                                         |       |         |
|                                 | Standard Deviation | .782                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                   | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                | 15    | 7.8%    |
|                                 | 3                  | Some                                                                         | 50    | 26.0%   |
|                                 | 4                  | Quite a bit                                                                  | 20    | 10.4%   |
|                                 | 5                  | A great deal                                                                 | 3     | 1.6%    |

### A1confsci3\_19

|                                 |                    | Value                                                                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 181                                                                                       |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Care about people<br>like you, your friends,<br>and your family |       |         |
|                                 | Type               | Numeric                                                                                   |       |         |
|                                 | Format             | F8                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                     |       |         |
| N                               | Valid              | 90                                                                                        |       |         |
|                                 | Missing            | 102                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.16                                                                                      |       |         |
|                                 | Standard Deviation | .820                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                                      |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 0  | 0.0%  |
|                | 2             | Just a little | 18 | 9.4%  |
|                | 3             | Some          | 46 | 24.0% |
|                | 4             | Quite a bit   | 20 | 10.4% |
|                | 5             | A great deal  | 6  | 3.1%  |

#### A1confsci3\_20

|                                 |                    | Value                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 182                                                                                          |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are concerned with<br>how their work<br>impacts everyday<br>people |       |         |
|                                 | Type               | Numeric                                                                                      |       |         |
|                                 | Format             | F8                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                        |       |         |
|                                 |                    |                                                                                              |       |         |
| N                               | Valid              | 90                                                                                           |       |         |
|                                 | Missing            | 102                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.39                                                                                         |       |         |
|                                 | Standard Deviation | .730                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                   | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                | 9     | 4.7%    |
|                                 | 3                  | Some                                                                                         | 41    | 21.4%   |
|                                 | 4                  | Quite a bit                                                                                  | 36    | 18.8%   |
|                                 | 5                  | A great deal                                                                                 | 4     | 2.1%    |

#### A1confsci3\_21

|                                 |                    | Value                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 183                                                                    |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Care about how their<br>work affects culture |       |         |
|                                 | Type               | Numeric                                                                |       |         |
|                                 | Format             | F8                                                                     |       |         |
|                                 | Measurement        | Scale                                                                  |       |         |
|                                 |                    |                                                                        |       |         |
| N                               | Valid              | 90                                                                     |       |         |
|                                 | Missing            | 102                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.17                                                                   |       |         |
|                                 | Standard Deviation | .939                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                             | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                          | 16    | 8.3%    |
|                                 | 3                  | Some                                                                   | 36    | 18.8%   |
|                                 | 4                  | Quite a bit                                                            | 29    | 15.1%   |

|  |   |              |   |      |
|--|---|--------------|---|------|
|  | 5 | A great deal | 5 | 2.6% |
|--|---|--------------|---|------|

### A1confsci3\_22

|                                 |                    | Value                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 184                                                                      |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Care about the long-term impacts of their work |       |         |
|                                 | Type               | Numeric                                                                  |       |         |
|                                 | Format             | F8                                                                       |       |         |
|                                 | Measurement        | Scale                                                                    |       |         |
| N                               | Valid              | 90                                                                       |       |         |
|                                 | Missing            | 102                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.59                                                                     |       |         |
|                                 | Standard Deviation | .847                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                               | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                            | 6     | 3.1%    |
|                                 | 3                  | Some                                                                     | 34    | 17.7%   |
|                                 | 4                  | Quite a bit                                                              | 37    | 19.3%   |
|                                 | 5                  | A great deal                                                             | 12    | 6.3%    |

### A1confsci3\_23

|                                 |                    | Value                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 185                                                             |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are motivated to "do the right thing" |       |         |
|                                 | Type               | Numeric                                                         |       |         |
|                                 | Format             | F8                                                              |       |         |
|                                 | Measurement        | Scale                                                           |       |         |
| N                               | Valid              | 90                                                              |       |         |
|                                 | Missing            | 102                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.18                                                            |       |         |
|                                 | Standard Deviation | .646                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                      | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                   | 10    | 5.2%    |
|                                 | 3                  | Some                                                            | 56    | 29.2%   |
|                                 | 4                  | Quite a bit                                                     | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                    | 2     | 1.0%    |

### A1confsci3\_24

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                  |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 186                                                                                              |    |       |
|                                 | Label              | A1: Nanoscientists...-<br>Are likely to do the right thing because they see themselves as "good" |    |       |
|                                 | Type               | Numeric                                                                                          |    |       |
|                                 | Format             | F8                                                                                               |    |       |
|                                 | Measurement        | Scale                                                                                            |    |       |
|                                 |                    |                                                                                                  |    |       |
| N                               | Valid              | 90                                                                                               |    |       |
|                                 | Missing            | 102                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.08                                                                                             |    |       |
|                                 | Standard Deviation | .722                                                                                             |    |       |
|                                 | Percentile 25      | 3.00                                                                                             |    |       |
|                                 | Percentile 50      | 3.00                                                                                             |    |       |
|                                 | Percentile 75      | 4.00                                                                                             |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                       | 2  | 1.0%  |
|                                 | 2                  | Just a little                                                                                    | 13 | 6.8%  |
|                                 | 3                  | Some                                                                                             | 52 | 27.1% |
|                                 | 4                  | Quite a bit                                                                                      | 22 | 11.5% |
|                                 | 5                  | A great deal                                                                                     | 1  | 0.5%  |

#### A1confsci3\_25

|                                 |                    | Value                                                                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 187                                                                                        |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Would feel bad about themselves if their work put others at risk |       |         |
|                                 | Type               | Numeric                                                                                    |       |         |
|                                 | Format             | F8                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                      |       |         |
|                                 |                    |                                                                                            |       |         |
| N                               | Valid              | 90                                                                                         |       |         |
|                                 | Missing            | 102                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.36                                                                                       |       |         |
|                                 | Standard Deviation | .865                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                 | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                              | 11    | 5.7%    |
|                                 | 3                  | Some                                                                                       | 42    | 21.9%   |
|                                 | 4                  | Quite a bit                                                                                | 27    | 14.1%   |
|                                 | 5                  | A great deal                                                                               | 9     | 4.7%    |

#### A1confsci3\_26

|                     |          | Value                                    | Count | Percent |
|---------------------|----------|------------------------------------------|-------|---------|
| Standard Attributes | Position | 188                                      |       |         |
|                     | Label    | A1: Nanoscientists...-<br>Need oversight |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 90            |    |       |
|                                 | Missing            | 102           |    |       |
| Central Tendency and Dispersion | Mean               | 3.03          |    |       |
|                                 | Standard Deviation | .942          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 6  | 3.1%  |
|                                 | 2                  | Just a little | 13 | 6.8%  |
|                                 | 3                  | Some          | 50 | 26.0% |
|                                 | 4                  | Quite a bit   | 14 | 7.3%  |
|                                 | 5                  | A great deal  | 7  | 3.6%  |

### A1confsci3\_27

|                                 |                    | Value                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 189                                                                |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are primarily motivated by self-interest |       |         |
|                                 | Type               | Numeric                                                            |       |         |
|                                 | Format             | F8                                                                 |       |         |
|                                 | Measurement        | Scale                                                              |       |         |
| N                               | Valid              | 90                                                                 |       |         |
|                                 | Missing            | 102                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.04                                                               |       |         |
|                                 | Standard Deviation | .935                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                         | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                      | 17    | 8.9%    |
|                                 | 3                  | Some                                                               | 42    | 21.9%   |
|                                 | 4                  | Quite a bit                                                        | 21    | 10.9%   |
|                                 | 5                  | A great deal                                                       | 5     | 2.6%    |

### A1confsci3\_28

|                     |             | Value                                                                      | Count | Percent |
|---------------------|-------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 190                                                                        |       |         |
|                     | Label       | A1: Nanoscientists...-<br>Are primarily motivated by what will profit them |       |         |
|                     | Type        | Numeric                                                                    |       |         |
|                     | Format      | F8                                                                         |       |         |
|                     | Measurement | Scale                                                                      |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 90            |    |       |
|                                 | Missing            | 102           |    |       |
| Central Tendency and Dispersion | Mean               | 3.06          |    |       |
|                                 | Standard Deviation | .891          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 4  | 2.1%  |
|                                 | 2                  | Just a little | 17 | 8.9%  |
|                                 | 3                  | Some          | 43 | 22.4% |
|                                 | 4                  | Quite a bit   | 22 | 11.5% |
|                                 | 5                  | A great deal  | 4  | 2.1%  |

### A1confsci3\_29

|                                 |                    | Value                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 191                                                                                             |       |         |
|                                 | Label              | A1: Nanoscientists...-<br>Are primarily<br>motivated by what will<br>benefit them<br>personally |       |         |
|                                 | Type               | Numeric                                                                                         |       |         |
|                                 | Format             | F8                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                           |       |         |
| N                               | Valid              | 90                                                                                              |       |         |
|                                 | Missing            | 102                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.89                                                                                            |       |         |
|                                 | Standard Deviation | .854                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                      | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                                   | 21    | 10.9%   |
|                                 | 3                  | Some                                                                                            | 45    | 23.4%   |
|                                 | 4                  | Quite a bit                                                                                     | 17    | 8.9%    |
|                                 | 5                  | A great deal                                                                                    | 2     | 1.0%    |

### A1confsci3\_30

|                     |             | Value                                                                                                          | Count | Percent |
|---------------------|-------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 192                                                                                                            |       |         |
|                     | Label       | A1: Nanoscientists...-<br>Will do the right thing<br>only if they are<br>punished for doing<br>the wrong thing |       |         |
|                     | Type        | Numeric                                                                                                        |       |         |
|                     | Format      | F8                                                                                                             |       |         |
|                     | Measurement | Scale                                                                                                          |       |         |
| N                   | Valid       | 90                                                                                                             |       |         |
|                     | Missing     | 102                                                                                                            |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| Central Tendency and Dispersion | Mean               | 2.50          |    |       |
|                                 | Standard Deviation | .927          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 14 | 7.3%  |
|                                 | 2                  | Just a little | 29 | 15.1% |
|                                 | 3                  | Some          | 36 | 18.8% |
|                                 | 4                  | Quite a bit   | 10 | 5.2%  |
|                                 | 5                  | A great deal  | 1  | 0.5%  |

### A1confsci3\_31

|                                 |                    | Value                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 193                                                                             |       |         |
|                                 | Label              | A1: Nanoscientists...-Don't really care about the long-term risks of their work |       |         |
|                                 | Type               | Numeric                                                                         |       |         |
|                                 | Format             | F8                                                                              |       |         |
|                                 | Measurement        | Scale                                                                           |       |         |
| N                               | Valid              | 90                                                                              |       |         |
|                                 | Missing            | 102                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.22                                                                            |       |         |
|                                 | Standard Deviation | .884                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                            |       |         |
|                                 | Percentile 50      | 2.00                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                      | 21    | 10.9%   |
|                                 | 2                  | Just a little                                                                   | 33    | 17.2%   |
|                                 | 3                  | Some                                                                            | 32    | 16.7%   |
|                                 | 4                  | Quite a bit                                                                     | 3     | 1.6%    |
|                                 | 5                  | A great deal                                                                    | 1     | 0.5%    |

### TA1\_9b\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 194                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 90                 |
|                                 | Missing            | 102                |
| Central Tendency and Dispersion | Mean               | 15.2465            |
|                                 | Standard Deviation | 26.61104           |
|                                 | Percentile 25      | 4.9410             |
|                                 | Percentile 50      | 8.7085             |
|                                 | Percentile 75      | 12.8720            |

### TA1\_9b\_2

|                     |          | Value             |
|---------------------|----------|-------------------|
| Standard Attributes | Position | 195               |
|                     | Label    | Timing-Last Click |

|                                 |                    |           |
|---------------------------------|--------------------|-----------|
|                                 | Type               | Numeric   |
|                                 | Format             | F8.2      |
|                                 | Measurement        | Scale     |
| N                               | Valid              | 90        |
|                                 | Missing            | 102       |
| Central Tendency and Dispersion | Mean               | 185.7004  |
|                                 | Standard Deviation | 100.14344 |
|                                 | Percentile 25      | 127.1400  |
|                                 | Percentile 50      | 165.9280  |
|                                 | Percentile 75      | 236.0980  |

### TA1\_9b\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 196                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 90                 |
|                                 | Missing            | 102                |
| Central Tendency and Dispersion | Mean               | 193.2557           |
|                                 | Standard Deviation | 112.42652          |
|                                 | Percentile 25      | 127.8270           |
|                                 | Percentile 50      | 166.9605           |
|                                 | Percentile 75      | 238.5410           |

### TA1\_9b\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 197                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 90                 |
|                                 | Missing            | 102                |
| Central Tendency and Dispersion | Mean               | 45.3333            |
|                                 | Standard Deviation | 6.44074            |
|                                 | Percentile 25      | 41.0000            |
|                                 | Percentile 50      | 44.0000            |
|                                 | Percentile 75      | 47.0000            |

### A1confsci4\_1

|                                 |                    |                                                                                                                            |       |         |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
|                                 |                    | Value                                                                                                                      | Count | Percent |
| Standard Attributes             | Position           | 198                                                                                                                        |       |         |
|                                 | Label              | A1: Nanoscientists can be trusted to...- Make decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                      |       |         |
| N                               | Valid              | 90                                                                                                                         |       |         |
|                                 | Missing            | 102                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.42                                                                                                                       |       |         |
|                                 | Standard Deviation | .734                                                                                                                       |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 25 | 3.00          |    |       |
|                | Percentile 50 | 4.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 1  | 0.5%  |
|                | 2             | Just a little | 8  | 4.2%  |
|                | 3             | Some          | 35 | 18.2% |
|                | 4             | Quite a bit   | 44 | 22.9% |
|                | 5             | A great deal  | 2  | 1.0%  |

#### A1confsci4\_2

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 199                                                                          |       |         |
|                                 | Label              | A1: Nanoscientists can be trusted to...- Minimize potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
| N                               | Valid              | 90                                                                           |       |         |
|                                 | Missing            | 102                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.44                                                                         |       |         |
|                                 | Standard Deviation | .766                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                   | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                | 7     | 3.6%    |
|                                 | 3                  | Some                                                                         | 38    | 19.8%   |
|                                 | 4                  | Quite a bit                                                                  | 39    | 20.3%   |
|                                 | 5                  | A great deal                                                                 | 5     | 2.6%    |

#### A1confsci4\_4

|                                 |                    | Value                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 200                                                                             |       |         |
|                                 | Label              | A1: Nanoscientists can be trusted to...- Minimize potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                         |       |         |
|                                 | Format             | F8                                                                              |       |         |
|                                 | Measurement        | Scale                                                                           |       |         |
| N                               | Valid              | 90                                                                              |       |         |
|                                 | Missing            | 102                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                            |       |         |
|                                 | Standard Deviation | .779                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                      | 1     | 0.5%    |

|  |   |               |    |       |
|--|---|---------------|----|-------|
|  | 2 | Just a little | 11 | 5.7%  |
|  | 3 | Some          | 38 | 19.8% |
|  | 4 | Quite a bit   | 37 | 19.3% |
|  | 5 | A great deal  | 3  | 1.6%  |

#### A1confsci4\_3

|                                 |                    | Value                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 201                                                                                                                    |       |         |
|                                 | Label              | A1: Nanoscientists can be trusted to...- Think about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                  |       |         |
|                                 |                    |                                                                                                                        |       |         |
| N                               | Valid              | 90                                                                                                                     |       |         |
|                                 | Missing            | 102                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.22                                                                                                                   |       |         |
|                                 | Standard Deviation | .858                                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                             | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                                                                          | 10    | 5.2%    |
|                                 | 3                  | Some                                                                                                                   | 41    | 21.4%   |
|                                 | 4                  | Quite a bit                                                                                                            | 32    | 16.7%   |
|                                 | 5                  | A great deal                                                                                                           | 3     | 1.6%    |

#### A1confsci4\_5

|                                 |                    | Value                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 202                                                                  |       |         |
|                                 | Label              | A1: Nanoscientists can be trusted to...- Maximize potential benefits |       |         |
|                                 | Type               | Numeric                                                              |       |         |
|                                 | Format             | F8                                                                   |       |         |
|                                 | Measurement        | Scale                                                                |       |         |
|                                 |                    |                                                                      |       |         |
| N                               | Valid              | 90                                                                   |       |         |
|                                 | Missing            | 102                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.70                                                                 |       |         |
|                                 | Standard Deviation | .756                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                           | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                        | 5     | 2.6%    |
|                                 | 3                  | Some                                                                 | 28    | 14.6%   |
|                                 | 4                  | Quite a bit                                                          | 46    | 24.0%   |
|                                 | 5                  | A great deal                                                         | 11    | 5.7%    |

### A1confsci5\_1

|                                 |                    | Value                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 203                                                                                                                       |       |         |
|                                 | Label              | A1: Nanoscientists are capable of...- Making decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                     |       |         |
|                                 |                    |                                                                                                                           |       |         |
| N                               | Valid              | 90                                                                                                                        |       |         |
|                                 | Missing            | 102                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.69                                                                                                                      |       |         |
|                                 | Standard Deviation | .802                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                                             | 5     | 2.6%    |
|                                 | 3                  | Some                                                                                                                      | 32    | 16.7%   |
|                                 | 4                  | Quite a bit                                                                                                               | 39    | 20.3%   |
|                                 | 5                  | A great deal                                                                                                              | 14    | 7.3%    |

### A1confsci5\_2

|                                 |                    | Value                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 204                                                                         |       |         |
|                                 | Label              | A1: Nanoscientists are capable of...- Minimizing potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                     |       |         |
|                                 | Format             | F8                                                                          |       |         |
|                                 | Measurement        | Scale                                                                       |       |         |
|                                 |                    |                                                                             |       |         |
| N                               | Valid              | 90                                                                          |       |         |
|                                 | Missing            | 102                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.63                                                                        |       |         |
|                                 | Standard Deviation | .800                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                  | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                               | 6     | 3.1%    |
|                                 | 3                  | Some                                                                        | 33    | 17.2%   |
|                                 | 4                  | Quite a bit                                                                 | 39    | 20.3%   |
|                                 | 5                  | A great deal                                                                | 12    | 6.3%    |

### A1confsci5\_4

|                                 |                    | Value                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 205                                                                            |       |         |
|                                 | Label              | A1: Nanoscientists are capable of...- Minimizing potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                        |       |         |
|                                 | Format             | F8                                                                             |       |         |
|                                 | Measurement        | Scale                                                                          |       |         |
| N                               | Valid              | 90                                                                             |       |         |
|                                 | Missing            | 102                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.53                                                                           |       |         |
|                                 | Standard Deviation | .837                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                           |       |         |
|                                 | Percentile 50      | 4.00                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                     | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                  | 7     | 3.6%    |
|                                 | 3                  | Some                                                                           | 35    | 18.2%   |
|                                 | 4                  | Quite a bit                                                                    | 37    | 19.3%   |
|                                 | 5                  | A great deal                                                                   | 10    | 5.2%    |

### A1confsci5\_3

|                                 |                    | Value                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 206                                                                                                                    |       |         |
|                                 | Label              | A1: Nanoscientists are capable of...- Thinking about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                  |       |         |
| N                               | Valid              | 90                                                                                                                     |       |         |
|                                 | Missing            | 102                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.50                                                                                                                   |       |         |
|                                 | Standard Deviation | .824                                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                             | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                                          | 8     | 4.2%    |
|                                 | 3                  | Some                                                                                                                   | 40    | 20.8%   |
|                                 | 4                  | Quite a bit                                                                                                            | 31    | 16.1%   |
|                                 | 5                  | A great deal                                                                                                           | 11    | 5.7%    |

### A1confsci5\_5

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                     |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 207                                                                 |    |       |
|                                 | Label              | A1: Nanoscientists are capable of...- Maximizing potential benefits |    |       |
|                                 | Type               | Numeric                                                             |    |       |
|                                 | Format             | F8                                                                  |    |       |
|                                 | Measurement        | Scale                                                               |    |       |
| N                               | Valid              | 90                                                                  |    |       |
|                                 | Missing            | 102                                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 3.83                                                                |    |       |
|                                 | Standard Deviation | .824                                                                |    |       |
|                                 | Percentile 25      | 3.00                                                                |    |       |
|                                 | Percentile 50      | 4.00                                                                |    |       |
|                                 | Percentile 75      | 4.00                                                                |    |       |
| Labeled Values                  | 1                  | Not at all                                                          | 0  | 0.0%  |
|                                 | 2                  | Just a little                                                       | 3  | 1.6%  |
|                                 | 3                  | Some                                                                | 30 | 15.6% |
|                                 | 4                  | Quite a bit                                                         | 36 | 18.8% |
|                                 | 5                  | A great deal                                                        | 21 | 10.9% |

#### A1confsci6\_1

|                                 |                    | Value                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 208                                                                                                                       |       |         |
|                                 | Label              | A1: Nanoscientists are motivated to...- Make decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                     |       |         |
| N                               | Valid              | 90                                                                                                                        |       |         |
|                                 | Missing            | 102                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.82                                                                                                                      |       |         |
|                                 | Standard Deviation | .787                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                             | 2     | 1.0%    |
|                                 | 3                  | Some                                                                                                                      | 25    | 13.0%   |
|                                 | 4                  | Quite a bit                                                                                                               | 46    | 24.0%   |
|                                 | 5                  | A great deal                                                                                                              | 16    | 8.3%    |

#### A1confsci6\_2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 209   |       |         |

|                                 |                    |                                                                             |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Nanoscientists are motivated to...- Minimize potential risks for humans |    |       |
|                                 | Type               | Numeric                                                                     |    |       |
|                                 | Format             | F8                                                                          |    |       |
|                                 | Measurement        | Scale                                                                       |    |       |
| N                               | Valid              | 90                                                                          |    |       |
|                                 | Missing            | 102                                                                         |    |       |
| Central Tendency and Dispersion | Mean               | 3.66                                                                        |    |       |
|                                 | Standard Deviation | .823                                                                        |    |       |
|                                 | Percentile 25      | 3.00                                                                        |    |       |
|                                 | Percentile 50      | 4.00                                                                        |    |       |
|                                 | Percentile 75      | 4.00                                                                        |    |       |
| Labeled Values                  | 1                  | Not at all                                                                  | 0  | 0.0%  |
|                                 | 2                  | Just a little                                                               | 7  | 3.6%  |
|                                 | 3                  | Some                                                                        | 30 | 15.6% |
|                                 | 4                  | Quite a bit                                                                 | 40 | 20.8% |
|                                 | 5                  | A great deal                                                                | 13 | 6.8%  |

#### A1confsci6\_4

|                                 |                    | Value                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 210                                                                            |       |         |
|                                 | Label              | A1: Nanoscientists are motivated to...- Minimize potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                        |       |         |
|                                 | Format             | F8                                                                             |       |         |
|                                 | Measurement        | Scale                                                                          |       |         |
|                                 |                    |                                                                                |       |         |
| N                               | Valid              | 90                                                                             |       |         |
|                                 | Missing            | 102                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.32                                                                           |       |         |
|                                 | Standard Deviation | .958                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                     | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                  | 13    | 6.8%    |
|                                 | 3                  | Some                                                                           | 35    | 18.2%   |
|                                 | 4                  | Quite a bit                                                                    | 30    | 15.6%   |
|                                 | 5                  | A great deal                                                                   | 9     | 4.7%    |

#### A1confsci6\_3

|                     |          | Value                                                                                                                 | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 211                                                                                                                   |       |         |
|                     | Label    | A1: Nanoscientists are motivated to...- Think about the social and ethical impacts and implications of nanotechnology |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 90            |    |       |
|                                 | Missing            | 102           |    |       |
| Central Tendency and Dispersion | Mean               | 3.27          |    |       |
|                                 | Standard Deviation | .958          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 4  | 2.1%  |
|                                 | 2                  | Just a little | 11 | 5.7%  |
|                                 | 3                  | Some          | 41 | 21.4% |
|                                 | 4                  | Quite a bit   | 25 | 13.0% |
|                                 | 5                  | A great deal  | 9  | 4.7%  |

### A1confsci6\_5

|                                 |                    | Value                                                               | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 212                                                                 |       |         |
|                                 | Label              | A1: Nanoscientists are motivated to...- Maximize potential benefits |       |         |
|                                 | Type               | Numeric                                                             |       |         |
|                                 | Format             | F8                                                                  |       |         |
|                                 | Measurement        | Scale                                                               |       |         |
|                                 |                    |                                                                     |       |         |
| N                               | Valid              | 90                                                                  |       |         |
|                                 | Missing            | 102                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.99                                                                |       |         |
|                                 | Standard Deviation | .893                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                |       |         |
|                                 | Percentile 50      | 4.00                                                                |       |         |
|                                 | Percentile 75      | 5.00                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                          | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                       | 4     | 2.1%    |
|                                 | 3                  | Some                                                                | 24    | 12.5%   |
|                                 | 4                  | Quite a bit                                                         | 31    | 16.1%   |
|                                 | 5                  | A great deal                                                        | 31    | 16.1%   |

### TA1\_10\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 213                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 90                 |
|                                 | Missing            | 102                |
| Central Tendency and Dispersion | Mean               | 261.5330           |
|                                 | Standard Deviation | 2308.63685         |
|                                 | Percentile 25      | 7.9340             |
|                                 | Percentile 50      | 11.2335            |

|               |         |
|---------------|---------|
| Percentile 75 | 20.3880 |
|---------------|---------|

### TA1\_10\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 214               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 90                |
|                                 | Missing            | 102               |
| Central Tendency and Dispersion | Mean               | 323.5175          |
|                                 | Standard Deviation | 2307.26382        |
|                                 | Percentile 25      | 37.4420           |
|                                 | Percentile 50      | 59.9520           |
|                                 | Percentile 75      | 93.4200           |

### TA1\_10\_3

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 215                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 90                 |
|                                 | Missing            | 102                |
| Central Tendency and Dispersion | Mean               | 325.8709           |
|                                 | Standard Deviation | 2307.87673         |
|                                 | Percentile 25      | 38.9500            |
|                                 | Percentile 50      | 64.7480            |
|                                 | Percentile 75      | 94.1170            |

### TA1\_10\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 216                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 90                 |
|                                 | Missing            | 102                |
| Central Tendency and Dispersion | Mean               | 17.3000            |
|                                 | Standard Deviation | 2.65402            |
|                                 | Percentile 25      | 15.0000            |
|                                 | Percentile 50      | 17.0000            |
|                                 | Percentile 75      | 18.0000            |

### A1confpol1\_1

|                     |             | Value                                                                                                  | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 217                                                                                                    |       |         |
|                     | Label       | A1: Experience with Policymakers-How much do you know about policy makers who regulate nanotechnology? |       |         |
|                     | Type        | Numeric                                                                                                |       |         |
|                     | Format      | F8                                                                                                     |       |         |
|                     | Measurement |                                                                                                        |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 96            |    |       |
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 1.38          |    |       |
|                                 | Standard Deviation | .653          |    |       |
|                                 | Percentile 25      | 1.00          |    |       |
|                                 | Percentile 50      | 1.00          |    |       |
|                                 | Percentile 75      | 2.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 69 | 35.9% |
|                                 | 2                  | Just a little | 18 | 9.4%  |
|                                 | 3                  | Some          | 9  | 4.7%  |
|                                 | 4                  | Quite a bit   | 0  | 0.0%  |
|                                 | 5                  | A great deal  | 0  | 0.0%  |

### A1confpol1\_2

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 218                                                                                                                |       |         |
|                                 | Label              | A1: Experience with Policymakers-To what extent have you had experiences or interactions with these policy makers? |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 96                                                                                                                 |       |         |
|                                 | Missing            | 96                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 1.28                                                                                                               |       |         |
|                                 | Standard Deviation | .676                                                                                                               |       |         |
|                                 | Percentile 25      | 1.00                                                                                                               |       |         |
|                                 | Percentile 50      | 1.00                                                                                                               |       |         |
|                                 | Percentile 75      | 1.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 79    | 41.1%   |
|                                 | 2                  | Just a little                                                                                                      | 9     | 4.7%    |
|                                 | 3                  | Some                                                                                                               | 6     | 3.1%    |
|                                 | 4                  | Quite a bit                                                                                                        | 2     | 1.0%    |
|                                 | 5                  | A great deal                                                                                                       | 0     | 0.0%    |

### A1confpol1\_3

|                     |             | Value                                                                                                        | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 219                                                                                                          |       |         |
|                     | Label       | A1: Experience with Policymakers-To what extent do you feel certain in your views about these policy makers? |       |         |
|                     | Type        | Numeric                                                                                                      |       |         |
|                     | Format      | F8                                                                                                           |       |         |
|                     | Measurement | Scale                                                                                                        |       |         |
|                     |             |                                                                                                              |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 96            |    |       |
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 1.49          |    |       |
|                                 | Standard Deviation | .821          |    |       |
|                                 | Percentile 25      | 1.00          |    |       |
|                                 | Percentile 50      | 1.00          |    |       |
|                                 | Percentile 75      | 2.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 66 | 34.4% |
|                                 | 2                  | Just a little | 16 | 8.3%  |
|                                 | 3                  | Some          | 11 | 5.7%  |
|                                 | 4                  | Quite a bit   | 3  | 1.6%  |
|                                 | 5                  | A great deal  | 0  | 0.0%  |

### Q169

|                                 |                    | Value                                                                                                   |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 220                                                                                                     |
|                                 | Label              | Please make the following judgments based on whatever knowledge or experience you have right now. Do... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 0                                                                                                       |
|                                 | Missing            | 192                                                                                                     |
| Central Tendency and Dispersion | Mean               | .                                                                                                       |
|                                 | Standard Deviation | .                                                                                                       |
|                                 | Percentile 25      | .                                                                                                       |
|                                 | Percentile 50      | .                                                                                                       |
|                                 | Percentile 75      | .                                                                                                       |

### A1confpol2\_1

|                                 |                    | Value                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 221                                               |       |         |
|                                 | Label              | A1: Conf in policymakers to...-Do their jobs well |       |         |
|                                 | Type               | Numeric                                           |       |         |
|                                 | Format             | F8                                                |       |         |
|                                 | Measurement        | Scale                                             |       |         |
| N                               | Valid              | 96                                                |       |         |
|                                 | Missing            | 96                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.85                                              |       |         |
|                                 | Standard Deviation | .833                                              |       |         |
|                                 | Percentile 25      | 2.00                                              |       |         |
|                                 | Percentile 50      | 3.00                                              |       |         |
|                                 | Percentile 75      | 3.00                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                        | 6     | 3.1%    |
|                                 | 2                  | Just a little                                     | 20    | 10.4%   |
|                                 | 3                  | Some                                              | 55    | 28.6%   |
|                                 | 4                  | Quite a bit                                       | 12    | 6.3%    |
|                                 | 5                  | A great deal                                      | 3     | 1.6%    |

### A1confpol2\_2

|                                 |                    | Value                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 222                                                                         |       |         |
|                                 | Label              | A1: Conf in policymakers to...-<br>Meet their professional responsibilities |       |         |
|                                 | Type               | Numeric                                                                     |       |         |
|                                 | Format             | F8                                                                          |       |         |
|                                 | Measurement        | Scale                                                                       |       |         |
|                                 |                    |                                                                             |       |         |
| N                               | Valid              | 96                                                                          |       |         |
|                                 | Missing            | 96                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.08                                                                        |       |         |
|                                 | Standard Deviation | .804                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                  | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                               | 12    | 6.3%    |
|                                 | 3                  | Some                                                                        | 55    | 28.6%   |
|                                 | 4                  | Quite a bit                                                                 | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                | 3     | 1.6%    |

### A1confpol2\_3

|                                 |                    | Value                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 223                                                                    |       |         |
|                                 | Label              | A1: Conf in policymakers to...-<br>Meet their ethical responsibilities |       |         |
|                                 | Type               | Numeric                                                                |       |         |
|                                 | Format             | F8                                                                     |       |         |
|                                 | Measurement        | Scale                                                                  |       |         |
|                                 |                    |                                                                        |       |         |
| N                               | Valid              | 96                                                                     |       |         |
|                                 | Missing            | 96                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.76                                                                   |       |         |
|                                 | Standard Deviation | .949                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                             | 13    | 6.8%    |
|                                 | 2                  | Just a little                                                          | 17    | 8.9%    |
|                                 | 3                  | Some                                                                   | 47    | 24.5%   |
|                                 | 4                  | Quite a bit                                                            | 18    | 9.4%    |
|                                 | 5                  | A great deal                                                           | 1     | 0.5%    |

### A1confpol2\_4

|                                 |                    | Value                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 224                                                                                                                   |       |         |
|                                 | Label              | A1: Conf in policymakers to...-Go above and beyond what is expected of them professionally in order to better society |       |         |
|                                 | Type               | Numeric                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                 |       |         |
|                                 |                    |                                                                                                                       |       |         |
| N                               | Valid              | 96                                                                                                                    |       |         |
|                                 | Missing            | 96                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.67                                                                                                                  |       |         |
|                                 | Standard Deviation | .948                                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                  |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                            | 13    | 6.8%    |
|                                 | 2                  | Just a little                                                                                                         | 23    | 12.0%   |
|                                 | 3                  | Some                                                                                                                  | 45    | 23.4%   |
|                                 | 4                  | Quite a bit                                                                                                           | 13    | 6.8%    |
|                                 | 5                  | A great deal                                                                                                          | 2     | 1.0%    |

#### A1confpol2\_5

|                                 |                    | Value                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 225                                                                                                                               |       |         |
|                                 | Label              | A1: Conf in policymakers to...-Go above and beyond what is expected of them professionally in order to protect society from risks |       |         |
|                                 | Type               | Numeric                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                   |       |         |
| N                               | Valid              | 96                                                                                                                                |       |         |
|                                 | Missing            | 96                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.57                                                                                                                              |       |         |
|                                 | Standard Deviation | .903                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                        | 13    | 6.8%    |
|                                 | 2                  | Just a little                                                                                                                     | 27    | 14.1%   |
|                                 | 3                  | Some                                                                                                                              | 46    | 24.0%   |
|                                 | 4                  | Quite a bit                                                                                                                       | 8     | 4.2%    |
|                                 | 5                  | A great deal                                                                                                                      | 2     | 1.0%    |

#### A1confpol3\_1

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                         |    |       |
|---------------------------------|--------------------|-----------------------------------------|----|-------|
| Standard Attributes             | Position           | 226                                     |    |       |
|                                 | Label              | A1: Policymakers...-<br>Are trustworthy |    |       |
|                                 | Type               | Numeric                                 |    |       |
|                                 | Format             | F8                                      |    |       |
|                                 | Measurement        | Scale                                   |    |       |
| N                               | Valid              | 96                                      |    |       |
|                                 | Missing            | 96                                      |    |       |
| Central Tendency and Dispersion | Mean               | 2.89                                    |    |       |
|                                 | Standard Deviation | .766                                    |    |       |
|                                 | Percentile 25      | 3.00                                    |    |       |
|                                 | Percentile 50      | 3.00                                    |    |       |
|                                 | Percentile 75      | 3.00                                    |    |       |
| Labeled Values                  | 1                  | Not at all                              | 6  | 3.1%  |
|                                 | 2                  | Just a little                           | 16 | 8.3%  |
|                                 | 3                  | Some                                    | 57 | 29.7% |
|                                 | 4                  | Quite a bit                             | 17 | 8.9%  |
|                                 | 5                  | A great deal                            | 0  | 0.0%  |

#### A1confpol3\_2

|                                 |                    | Value                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 227                                       |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are untrustworthy |       |         |
|                                 | Type               | Numeric                                   |       |         |
|                                 | Format             | F8                                        |       |         |
|                                 | Measurement        | Scale                                     |       |         |
| N                               | Valid              | 96                                        |       |         |
|                                 | Missing            | 96                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.68                                      |       |         |
|                                 | Standard Deviation | .827                                      |       |         |
|                                 | Percentile 25      | 2.00                                      |       |         |
|                                 | Percentile 50      | 3.00                                      |       |         |
|                                 | Percentile 75      | 3.00                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                | 7     | 3.6%    |
|                                 | 2                  | Just a little                             | 30    | 15.6%   |
|                                 | 3                  | Some                                      | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                               | 9     | 4.7%    |
|                                 | 5                  | A great deal                              | 2     | 1.0%    |

#### A1confpol3\_3

|                     |             | Value                              | Count | Percent |
|---------------------|-------------|------------------------------------|-------|---------|
| Standard Attributes | Position    | 228                                |       |         |
|                     | Label       | A1: Policymakers...-<br>Are honest |       |         |
|                     | Type        | Numeric                            |       |         |
|                     | Format      | F8                                 |       |         |
|                     | Measurement | Scale                              |       |         |
| N                   | Valid       | 96                                 |       |         |

|                                 |                    |               |      |       |  |
|---------------------------------|--------------------|---------------|------|-------|--|
|                                 | Missing            |               | 96   |       |  |
| Central Tendency and Dispersion | Mean               |               | 2.92 |       |  |
|                                 | Standard Deviation |               | .804 |       |  |
|                                 | Percentile 25      |               | 3.00 |       |  |
|                                 | Percentile 50      |               | 3.00 |       |  |
|                                 | Percentile 75      |               | 3.00 |       |  |
| Labeled Values                  | 1                  | Not at all    | 6    | 3.1%  |  |
|                                 | 2                  | Just a little | 16   | 8.3%  |  |
|                                 | 3                  | Some          | 55   | 28.6% |  |
|                                 | 4                  | Quite a bit   | 18   | 9.4%  |  |
|                                 | 5                  | A great deal  | 1    | 0.5%  |  |

#### A1confpol3\_4

|                                 |                    | Value                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------|-------|---------|
| Standard Attributes             | Position           | 229                                 |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are ethical |       |         |
|                                 | Type               | Numeric                             |       |         |
|                                 | Format             | F8                                  |       |         |
|                                 | Measurement        | Scale                               |       |         |
| N                               | Valid              | 96                                  |       |         |
|                                 | Missing            | 96                                  |       |         |
| Central Tendency and Dispersion | Mean               | 2.82                                |       |         |
|                                 | Standard Deviation | .711                                |       |         |
|                                 | Percentile 25      | 3.00                                |       |         |
|                                 | Percentile 50      | 3.00                                |       |         |
|                                 | Percentile 75      | 3.00                                |       |         |
| Labeled Values                  | 1                  | Not at all                          | 7     | 3.6%    |
|                                 | 2                  | Just a little                       | 13    | 6.8%    |
|                                 | 3                  | Some                                | 66    | 34.4%   |
|                                 | 4                  | Quite a bit                         | 10    | 5.2%    |
|                                 | 5                  | A great deal                        | 0     | 0.0%    |

#### A1confpol3\_5

|                                 |                    | Value                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------|-------|---------|
| Standard Attributes             | Position           | 230                                   |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are dishonest |       |         |
|                                 | Type               | Numeric                               |       |         |
|                                 | Format             | F8                                    |       |         |
|                                 | Measurement        | Scale                                 |       |         |
| N                               | Valid              | 96                                    |       |         |
|                                 | Missing            | 96                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.72                                  |       |         |
|                                 | Standard Deviation | .830                                  |       |         |
|                                 | Percentile 25      | 2.00                                  |       |         |
|                                 | Percentile 50      | 3.00                                  |       |         |
|                                 | Percentile 75      | 3.00                                  |       |         |

|                |   |               |    |       |
|----------------|---|---------------|----|-------|
| Labeled Values | 1 | Not at all    | 5  | 2.6%  |
|                | 2 | Just a little | 32 | 16.7% |
|                | 3 | Some          | 47 | 24.5% |
|                | 4 | Quite a bit   | 9  | 4.7%  |
|                | 5 | A great deal  | 3  | 1.6%  |

#### A1confpol3\_6

|                                 |                    | Value                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------|-------|---------|
| Standard Attributes             | Position           | 231                              |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are fair |       |         |
|                                 | Type               | Numeric                          |       |         |
|                                 | Format             | F8                               |       |         |
|                                 | Measurement        | Scale                            |       |         |
| N                               | Valid              | 96                               |       |         |
|                                 | Missing            | 96                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.90                             |       |         |
|                                 | Standard Deviation | .657                             |       |         |
|                                 | Percentile 25      | 3.00                             |       |         |
|                                 | Percentile 50      | 3.00                             |       |         |
|                                 | Percentile 75      | 3.00                             |       |         |
| Labeled Values                  | 1                  | Not at all                       | 5     | 2.6%    |
|                                 | 2                  | Just a little                    | 11    | 5.7%    |
|                                 | 3                  | Some                             | 69    | 35.9%   |
|                                 | 4                  | Quite a bit                      | 11    | 5.7%    |
|                                 | 5                  | A great deal                     | 0     | 0.0%    |

#### A1confpol3\_7

|                                 |                    | Value                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 232                                                       |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are competent to do<br>their jobs |       |         |
|                                 | Type               | Numeric                                                   |       |         |
|                                 | Format             | F8                                                        |       |         |
|                                 | Measurement        | Scale                                                     |       |         |
| N                               | Valid              | 96                                                        |       |         |
|                                 | Missing            | 96                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                                      |       |         |
|                                 | Standard Deviation | .803                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                | 4     | 2.1%    |
|                                 | 2                  | Just a little                                             | 6     | 3.1%    |
|                                 | 3                  | Some                                                      | 58    | 30.2%   |
|                                 | 4                  | Quite a bit                                               | 23    | 12.0%   |
|                                 | 5                  | A great deal                                              | 5     | 2.6%    |

#### A1confpol3\_8

|                                 |                    | Value                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 233                                                         |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are incompetent to<br>do their jobs |       |         |
|                                 | Type               | Numeric                                                     |       |         |
|                                 | Format             | F8                                                          |       |         |
|                                 | Measurement        | Scale                                                       |       |         |
| N                               | Valid              | 96                                                          |       |         |
|                                 | Missing            | 96                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.47                                                        |       |         |
|                                 | Standard Deviation | .962                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                  | 17    | 8.9%    |
|                                 | 2                  | Just a little                                               | 29    | 15.1%   |
|                                 | 3                  | Some                                                        | 41    | 21.4%   |
|                                 | 4                  | Quite a bit                                                 | 6     | 3.1%    |
|                                 | 5                  | A great deal                                                | 3     | 1.6%    |

#### A1confpol3\_9

|                                 |                    | Value                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 234                                                                           |       |         |
|                                 | Label              | A1: Policymakers...-<br>Have the knowledge<br>needed to do their<br>jobs well |       |         |
|                                 | Type               | Numeric                                                                       |       |         |
|                                 | Format             | F8                                                                            |       |         |
|                                 | Measurement        | Scale                                                                         |       |         |
| N                               | Valid              | 96                                                                            |       |         |
|                                 | Missing            | 96                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.26                                                                          |       |         |
|                                 | Standard Deviation | .920                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                    | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                                 | 11    | 5.7%    |
|                                 | 3                  | Some                                                                          | 45    | 23.4%   |
|                                 | 4                  | Quite a bit                                                                   | 28    | 14.6%   |
|                                 | 5                  | A great deal                                                                  | 8     | 4.2%    |

#### A1confpol3\_10

|                     |          | Value                                                                      | Count | Percent |
|---------------------|----------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 235                                                                        |       |         |
|                     | Label    | A1: Policymakers...-<br>Have the skills<br>needed to do their<br>jobs well |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 96            |    |       |
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 3.23          |    |       |
|                                 | Standard Deviation | .864          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 5  | 2.6%  |
|                                 | 2                  | Just a little | 6  | 3.1%  |
|                                 | 3                  | Some          | 53 | 27.6% |
|                                 | 4                  | Quite a bit   | 26 | 13.5% |
|                                 | 5                  | A great deal  | 6  | 3.1%  |

### A1confpol3\_11

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 236                                                                          |       |         |
|                                 | Label              | A1: Policymakers...-<br>Have the training<br>needed to do their<br>jobs well |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
| N                               | Valid              | 96                                                                           |       |         |
|                                 | Missing            | 96                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.21                                                                         |       |         |
|                                 | Standard Deviation | .882                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                   | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                | 9     | 4.7%    |
|                                 | 3                  | Some                                                                         | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                                                                  | 29    | 15.1%   |
|                                 | 5                  | A great deal                                                                 | 5     | 2.6%    |

### A1confpol3\_12

|                     |             | Value                                                                   | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 237                                                                     |       |         |
|                     | Label       | A1: Policymakers...-<br>Use fair procedures<br>when making<br>decisions |       |         |
|                     | Type        | Numeric                                                                 |       |         |
|                     | Format      | F8                                                                      |       |         |
|                     | Measurement | Scale                                                                   |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 96            |    |       |
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 3.03          |    |       |
|                                 | Standard Deviation | .672          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 4  | 2.1%  |
|                                 | 2                  | Just a little | 8  | 4.2%  |
|                                 | 3                  | Some          | 65 | 33.9% |
|                                 | 4                  | Quite a bit   | 19 | 9.9%  |
|                                 | 5                  | A great deal  | 0  | 0.0%  |

### A1confpol3\_13

|                                 |                    | Value                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 238                                                     |       |         |
|                                 | Label              | A1: Policymakers...-<br>Listen to everyone's<br>opinion |       |         |
|                                 | Type               | Numeric                                                 |       |         |
|                                 | Format             | F8                                                      |       |         |
|                                 | Measurement        | Scale                                                   |       |         |
| N                               | Valid              | 96                                                      |       |         |
|                                 | Missing            | 96                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.55                                                    |       |         |
|                                 | Standard Deviation | .780                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                    |       |         |
|                                 | Percentile 75      | 3.00                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                              | 11    | 5.7%    |
|                                 | 2                  | Just a little                                           | 27    | 14.1%   |
|                                 | 3                  | Some                                                    | 52    | 27.1%   |
|                                 | 4                  | Quite a bit                                             | 6     | 3.1%    |
|                                 | 5                  | A great deal                                            | 0     | 0.0%    |

### A1confpol3\_14

|                                 |                    | Value                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 239                                         |       |         |
|                                 | Label              | A1: Policymakers...-<br>Treat people fairly |       |         |
|                                 | Type               | Numeric                                     |       |         |
|                                 | Format             | F8                                          |       |         |
|                                 | Measurement        | Scale                                       |       |         |
| N                               | Valid              | 96                                          |       |         |
|                                 | Missing            | 96                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.88                                        |       |         |
|                                 | Standard Deviation | .715                                        |       |         |
|                                 | Percentile 25      | 3.00                                        |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 3.00          |    |       |
| Labeled Values | 1             | Not at all    | 6  | 3.1%  |
|                | 2             | Just a little | 12 | 6.3%  |
|                | 3             | Some          | 67 | 34.9% |
|                | 4             | Quite a bit   | 10 | 5.2%  |
|                | 5             | A great deal  | 1  | 0.5%  |

### A1confpol3\_15

|                                 |                    | Value                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 240                                                            |       |         |
|                                 | Label              | A1: Policymakers...-<br>Care about the<br>community they serve |       |         |
|                                 | Type               | Numeric                                                        |       |         |
|                                 | Format             | F8                                                             |       |         |
|                                 | Measurement        | Scale                                                          |       |         |
| N                               | Valid              | 96                                                             |       |         |
|                                 | Missing            | 96                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.00                                                           |       |         |
|                                 | Standard Deviation | .781                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                     | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                  | 16    | 8.3%    |
|                                 | 3                  | Some                                                           | 53    | 27.6%   |
|                                 | 4                  | Quite a bit                                                    | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                   | 1     | 0.5%    |

### A1confpol3\_16

|                                 |                    | Value                                                      | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 241                                                        |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are impartial to their<br>findings |       |         |
|                                 | Type               | Numeric                                                    |       |         |
|                                 | Format             | F8                                                         |       |         |
|                                 | Measurement        | Scale                                                      |       |         |
| N                               | Valid              | 96                                                         |       |         |
|                                 | Missing            | 96                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.67                                                       |       |         |
|                                 | Standard Deviation | .790                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                 | 9     | 4.7%    |
|                                 | 2                  | Just a little                                              | 22    | 11.5%   |
|                                 | 3                  | Some                                                       | 59    | 30.7%   |
|                                 | 4                  | Quite a bit                                                | 4     | 2.1%    |
|                                 | 5                  | A great deal                                               | 2     | 1.0%    |

### A1confpol3\_17

|                                 |                    | Value                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 242                                                      |       |         |
|                                 | Label              | A1: Policymakers...-<br>Reach the correct<br>conclusions |       |         |
|                                 | Type               | Numeric                                                  |       |         |
|                                 | Format             | F8                                                       |       |         |
|                                 | Measurement        | Scale                                                    |       |         |
| N                               | Valid              | 96                                                       |       |         |
|                                 | Missing            | 96                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.96                                                     |       |         |
|                                 | Standard Deviation | .664                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                     |       |         |
|                                 | Percentile 75      | 3.00                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                               | 4     | 2.1%    |
|                                 | 2                  | Just a little                                            | 10    | 5.2%    |
|                                 | 3                  | Some                                                     | 69    | 35.9%   |
|                                 | 4                  | Quite a bit                                              | 12    | 6.3%    |
|                                 | 5                  | A great deal                                             | 1     | 0.5%    |

### A1confpol3\_18

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 243                                                                        |       |         |
|                                 | Label              | A1: Policymakers...-<br>Reach conclusions<br>that are best for<br>everyone |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
| N                               | Valid              | 96                                                                         |       |         |
|                                 | Missing            | 96                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.80                                                                       |       |         |
|                                 | Standard Deviation | .705                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                 | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                              | 17    | 8.9%    |
|                                 | 3                  | Some                                                                       | 63    | 32.8%   |
|                                 | 4                  | Quite a bit                                                                | 10    | 5.2%    |
|                                 | 5                  | A great deal                                                               | 0     | 0.0%    |

### A1confpol3\_19

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 244   |       |         |

|                                 |                    |                                                                                         |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Policymakers...-<br>Care about people<br>like you, your friends,<br>and your family |    |       |
|                                 | Type               | Numeric                                                                                 |    |       |
|                                 | Format             | F8                                                                                      |    |       |
|                                 | Measurement        | Scale                                                                                   |    |       |
| N                               | Valid              | 96                                                                                      |    |       |
|                                 | Missing            | 96                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 2.77                                                                                    |    |       |
|                                 | Standard Deviation | .946                                                                                    |    |       |
|                                 | Percentile 25      | 2.00                                                                                    |    |       |
|                                 | Percentile 50      | 3.00                                                                                    |    |       |
|                                 | Percentile 75      | 3.00                                                                                    |    |       |
| Labeled Values                  | 1                  | Not at all                                                                              | 10 | 5.2%  |
|                                 | 2                  | Just a little                                                                           | 23 | 12.0% |
|                                 | 3                  | Some                                                                                    | 45 | 23.4% |
|                                 | 4                  | Quite a bit                                                                             | 15 | 7.8%  |
|                                 | 5                  | A great deal                                                                            | 3  | 1.6%  |

#### A1confpol3\_20

|                                 |                    | Value                                                                                          | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 245                                                                                            |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are concerned with<br>how their decisions<br>impact everyday<br>people |       |         |
|                                 | Type               | Numeric                                                                                        |       |         |
|                                 | Format             | F8                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                          |       |         |
|                                 |                    |                                                                                                |       |         |
| N                               | Valid              | 96                                                                                             |       |         |
|                                 | Missing            | 96                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.87                                                                                           |       |         |
|                                 | Standard Deviation | .849                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                     | 8     | 4.2%    |
|                                 | 2                  | Just a little                                                                                  | 15    | 7.8%    |
|                                 | 3                  | Some                                                                                           | 56    | 29.2%   |
|                                 | 4                  | Quite a bit                                                                                    | 15    | 7.8%    |
|                                 | 5                  | A great deal                                                                                   | 2     | 1.0%    |

#### A1confpol3\_21

|                     |          | Value                                                                       | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 246                                                                         |       |         |
|                     | Label    | A1: Policymakers...-<br>Care about how their<br>decisions affect<br>culture |       |         |
|                     | Type     | Numeric                                                                     |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 96            |    |       |
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 3.00          |    |       |
|                                 | Standard Deviation | .858          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 6  | 3.1%  |
|                                 | 2                  | Just a little | 15 | 7.8%  |
|                                 | 3                  | Some          | 50 | 26.0% |
|                                 | 4                  | Quite a bit   | 23 | 12.0% |
|                                 | 5                  | A great deal  | 2  | 1.0%  |

### A1confpol3\_22

|                                 |                    | Value                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 247                                                                           |       |         |
|                                 | Label              | A1: Policymakers...-<br>Care about the long-<br>term impacts of their<br>work |       |         |
|                                 | Type               | Numeric                                                                       |       |         |
|                                 | Format             | F8                                                                            |       |         |
|                                 | Measurement        | Scale                                                                         |       |         |
|                                 |                    |                                                                               |       |         |
| N                               | Valid              | 96                                                                            |       |         |
|                                 | Missing            | 96                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.21                                                                          |       |         |
|                                 | Standard Deviation | .870                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                    | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                 | 12    | 6.3%    |
|                                 | 3                  | Some                                                                          | 50    | 26.0%   |
|                                 | 4                  | Quite a bit                                                                   | 24    | 12.5%   |
|                                 | 5                  | A great deal                                                                  | 7     | 3.6%    |

### A1confpol3\_23

|                     |             | Value                                                            | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 248                                                              |       |         |
|                     | Label       | A1: Policymakers...-<br>Are motivated to "do<br>the right thing" |       |         |
|                     | Type        | Numeric                                                          |       |         |
|                     | Format      | F8                                                               |       |         |
|                     | Measurement | Scale                                                            |       |         |
|                     |             |                                                                  |       |         |
| N                   | Valid       | 96                                                               |       |         |
|                     | Missing     | 96                                                               |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| Central Tendency and Dispersion | Mean               | 2.93          |    |       |
|                                 | Standard Deviation | .743          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 5  | 2.6%  |
|                                 | 2                  | Just a little | 13 | 6.8%  |
|                                 | 3                  | Some          | 64 | 33.3% |
|                                 | 4                  | Quite a bit   | 12 | 6.3%  |
|                                 | 5                  | A great deal  | 2  | 1.0%  |

### A1confpol3\_24

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 249                                                                                                     |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are likely to do the<br>right thing because<br>they see themselves<br>as "good" |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 96                                                                                                      |       |         |
|                                 | Missing            | 96                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                    |       |         |
|                                 | Standard Deviation | .851                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                    |       |         |
|                                 | Percentile 75      | 3.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                              | 7     | 3.6%    |
|                                 | 2                  | Just a little                                                                                           | 14    | 7.3%    |
|                                 | 3                  | Some                                                                                                    | 54    | 28.1%   |
|                                 | 4                  | Quite a bit                                                                                             | 19    | 9.9%    |
|                                 | 5                  | A great deal                                                                                            | 2     | 1.0%    |

### A1confpol3\_25

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 250                                                                                                    |       |         |
|                                 | Label              | A1: Policymakers...-<br>Would feel bad about<br>themselves if their<br>decisions put others<br>at risk |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
|                                 |                    |                                                                                                        |       |         |
| N                               | Valid              | 96                                                                                                     |       |         |
|                                 | Missing            | 96                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                   |       |         |
|                                 | Standard Deviation | .838                                                                                                   |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 25 | 2.50          |    |       |
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 3.00          |    |       |
| Labeled Values | 1             | Not at all    | 4  | 2.1%  |
|                | 2             | Just a little | 20 | 10.4% |
|                | 3             | Some          | 53 | 27.6% |
|                | 4             | Quite a bit   | 15 | 7.8%  |
|                | 5             | A great deal  | 4  | 2.1%  |

#### A1confpol3\_26

|                                 |                    | Value                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 251                                    |       |         |
|                                 | Label              | A1: Policymakers...-<br>Need oversight |       |         |
|                                 | Type               | Numeric                                |       |         |
|                                 | Format             | F8                                     |       |         |
|                                 | Measurement        | Scale                                  |       |         |
| N                               | Valid              | 96                                     |       |         |
|                                 | Missing            | 96                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                   |       |         |
|                                 | Standard Deviation | .790                                   |       |         |
|                                 | Percentile 25      | 3.00                                   |       |         |
|                                 | Percentile 50      | 3.00                                   |       |         |
|                                 | Percentile 75      | 4.00                                   |       |         |
| Labeled Values                  | 1                  | Not at all                             | 3     | 1.6%    |
|                                 | 2                  | Just a little                          | 8     | 4.2%    |
|                                 | 3                  | Some                                   | 57    | 29.7%   |
|                                 | 4                  | Quite a bit                            | 23    | 12.0%   |
|                                 | 5                  | A great deal                           | 5     | 2.6%    |

#### A1confpol3\_27

|                                 |                    | Value                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 252                                                                     |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are primarily<br>motivated by self-<br>interest |       |         |
|                                 | Type               | Numeric                                                                 |       |         |
|                                 | Format             | F8                                                                      |       |         |
|                                 | Measurement        | Scale                                                                   |       |         |
| N                               | Valid              | 96                                                                      |       |         |
|                                 | Missing            | 96                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                                    |       |         |
|                                 | Standard Deviation | .864                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                              | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                           | 14    | 7.3%    |
|                                 | 3                  | Some                                                                    | 48    | 25.0%   |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 4 | Quite a bit  | 24 | 12.5% |
|  | 5 | A great deal | 9  | 4.7%  |

### A1confpol3\_28

|                                 |                    | Value                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 253                                                                      |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are primarily motivated by what will profit them |       |         |
|                                 | Type               | Numeric                                                                  |       |         |
|                                 | Format             | F8                                                                       |       |         |
|                                 | Measurement        | Scale                                                                    |       |         |
| N                               | Valid              | 96                                                                       |       |         |
|                                 | Missing            | 96                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.31                                                                     |       |         |
|                                 | Standard Deviation | .862                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                               | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                            | 11    | 5.7%    |
|                                 | 3                  | Some                                                                     | 52    | 27.1%   |
|                                 | 4                  | Quite a bit                                                              | 21    | 10.9%   |
|                                 | 5                  | A great deal                                                             | 11    | 5.7%    |

### A1confpol3\_29

|                                 |                    | Value                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 254                                                                                  |       |         |
|                                 | Label              | A1: Policymakers...-<br>Are primarily motivated by what will benefit them personally |       |         |
|                                 | Type               | Numeric                                                                              |       |         |
|                                 | Format             | F8                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                |       |         |
| N                               | Valid              | 96                                                                                   |       |         |
|                                 | Missing            | 96                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.32                                                                                 |       |         |
|                                 | Standard Deviation | .968                                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                           | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                        | 15    | 7.8%    |
|                                 | 3                  | Some                                                                                 | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                                                                          | 16    | 8.3%    |
|                                 | 5                  | A great deal                                                                         | 16    | 8.3%    |

### A1confpol3\_30

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 255                                                                                                          |       |         |
|                                 | Label              | A1: Policymakers...-<br>Will do the right thing<br>only if they are<br>punished for doing<br>the wrong thing |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
|                                 |                    |                                                                                                              |       |         |
| N                               | Valid              | 96                                                                                                           |       |         |
|                                 | Missing            | 96                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.11                                                                                                         |       |         |
|                                 | Standard Deviation | .916                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                   | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                                                                | 16    | 8.3%    |
|                                 | 3                  | Some                                                                                                         | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                                                                                                  | 21    | 10.9%   |
|                                 | 5                  | A great deal                                                                                                 | 7     | 3.6%    |

### A1confpol3\_31

|                                 |                    | Value                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 256                                                                                             |       |         |
|                                 | Label              | A1: Policymakers...-<br>Don't really care<br>about the long-term<br>risks of their<br>decisions |       |         |
|                                 | Type               | Numeric                                                                                         |       |         |
|                                 | Format             | F8                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                           |       |         |
|                                 |                    |                                                                                                 |       |         |
| N                               | Valid              | 96                                                                                              |       |         |
|                                 | Missing            | 96                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.69                                                                                            |       |         |
|                                 | Standard Deviation | .862                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                      | 10    | 5.2%    |
|                                 | 2                  | Just a little                                                                                   | 22    | 11.5%   |
|                                 | 3                  | Some                                                                                            | 55    | 28.6%   |
|                                 | 4                  | Quite a bit                                                                                     | 6     | 3.1%    |
|                                 | 5                  | A great deal                                                                                    | 3     | 1.6%    |

### TA1\_11\_1

|                     |          | Value              |
|---------------------|----------|--------------------|
| Standard Attributes | Position | 257                |
|                     | Label    | Timing-First Click |

|                                 |                    |          |
|---------------------------------|--------------------|----------|
|                                 | Type               | Numeric  |
|                                 | Format             | F8.2     |
|                                 | Measurement        | Scale    |
| N                               | Valid              | 96       |
|                                 | Missing            | 96       |
| Central Tendency and Dispersion | Mean               | 14.0833  |
|                                 | Standard Deviation | 20.91456 |
|                                 | Percentile 25      | 6.7785   |
|                                 | Percentile 50      | 10.0205  |
|                                 | Percentile 75      | 13.7415  |

### TA1\_11\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 | Value              |                   |
|                                 | Position           | 258               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 96                |
|                                 | Missing            | 96                |
| Central Tendency and Dispersion | Mean               | 170.5632          |
|                                 | Standard Deviation | 96.46726          |
|                                 | Percentile 25      | 113.6505          |
|                                 | Percentile 50      | 154.9600          |
|                                 | Percentile 75      | 221.7555          |

### TA1\_11\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 | Value              |                    |
|                                 | Position           | 259                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 96                 |
|                                 | Missing            | 96                 |
| Central Tendency and Dispersion | Mean               | 176.5518           |
|                                 | Standard Deviation | 104.48835          |
|                                 | Percentile 25      | 115.5160           |
|                                 | Percentile 50      | 155.8720           |
|                                 | Percentile 75      | 224.5070           |

### TA1\_11\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 | Value              |                    |
|                                 | Position           | 260                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 96                 |
|                                 | Missing            | 96                 |
| Central Tendency and Dispersion | Mean               | 43.3437            |
|                                 | Standard Deviation | 5.27921            |
|                                 | Percentile 25      | 40.0000            |
|                                 | Percentile 50      | 41.0000            |
|                                 | Percentile 75      | 45.0000            |

### A1confpol4\_1

|                     |          |       |       |         |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | Value | Count | Percent |
|                     |          | 261   |       |         |

|                                 |                    |                                                                                                                         |    |       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Policymakers can be trusted to...-Make decisions about the most important directions for nanotechnology development |    |       |
|                                 | Type               | Numeric                                                                                                                 |    |       |
|                                 | Format             | F8                                                                                                                      |    |       |
|                                 | Measurement        | Scale                                                                                                                   |    |       |
| N                               | Valid              | 96                                                                                                                      |    |       |
|                                 | Missing            | 96                                                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                                    |    |       |
|                                 | Standard Deviation | .800                                                                                                                    |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                    |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                    |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                    |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                              | 4  | 2.1%  |
|                                 | 2                  | Just a little                                                                                                           | 18 | 9.4%  |
|                                 | 3                  | Some                                                                                                                    | 56 | 29.2% |
|                                 | 4                  | Quite a bit                                                                                                             | 15 | 7.8%  |
|                                 | 5                  | A great deal                                                                                                            | 3  | 1.6%  |

#### A1confpol4\_2

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 262                                                                       |       |         |
|                                 | Label              | A1: Policymakers can be trusted to...-Minimize potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
|                                 |                    |                                                                           |       |         |
| N                               | Valid              | 96                                                                        |       |         |
|                                 | Missing            | 96                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.09                                                                      |       |         |
|                                 | Standard Deviation | .847                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                             | 12    | 6.3%    |
|                                 | 3                  | Some                                                                      | 51    | 26.6%   |
|                                 | 4                  | Quite a bit                                                               | 25    | 13.0%   |
|                                 | 5                  | A great deal                                                              | 3     | 1.6%    |

#### A1confpol4\_4

|                     |          | Value                                                                        | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 263                                                                          |       |         |
|                     | Label    | A1: Policymakers can be trusted to...-Minimize potential environmental risks |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 96            |    |       |
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 2.81          |    |       |
|                                 | Standard Deviation | .850          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 7  | 3.6%  |
|                                 | 2                  | Just a little | 23 | 12.0% |
|                                 | 3                  | Some          | 48 | 25.0% |
|                                 | 4                  | Quite a bit   | 17 | 8.9%  |
|                                 | 5                  | A great deal  | 1  | 0.5%  |

### A1confpol4\_3

|                                 |                    | Value                                                                                                               | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 264                                                                                                                 |       |         |
|                                 | Label              | A1: Policymakers can be trusted to...-Think about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                               |       |         |
|                                 |                    |                                                                                                                     |       |         |
| N                               | Valid              | 96                                                                                                                  |       |         |
|                                 | Missing            | 96                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 2.88                                                                                                                |       |         |
|                                 | Standard Deviation | .798                                                                                                                |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                          | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                                                       | 21    | 10.9%   |
|                                 | 3                  | Some                                                                                                                | 52    | 27.1%   |
|                                 | 4                  | Quite a bit                                                                                                         | 17    | 8.9%    |
|                                 | 5                  | A great deal                                                                                                        | 1     | 0.5%    |

### A1confpol4\_5

|                     |          | Value                                                             | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 265                                                               |       |         |
|                     | Label    | A1: Policymakers can be trusted to...-Maximize potential benefits |       |         |
|                     | Type     | Numeric                                                           |       |         |
|                     | Format   | F8                                                                |       |         |
|                     |          |                                                                   |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 96            |    |       |
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 3.33          |    |       |
|                                 | Standard Deviation | .890          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 3  | 1.6%  |
|                                 | 2                  | Just a little | 9  | 4.7%  |
|                                 | 3                  | Some          | 46 | 24.0% |
|                                 | 4                  | Quite a bit   | 29 | 15.1% |
|                                 | 5                  | A great deal  | 9  | 4.7%  |

### A1confpol5\_1

|                                 |                    | Value                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 266                                                                                                                    |       |         |
|                                 | Label              | A1: Policymakers are capable of...-Making decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                  |       |         |
|                                 |                    |                                                                                                                        |       |         |
| N                               | Valid              | 96                                                                                                                     |       |         |
|                                 | Missing            | 96                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.07                                                                                                                   |       |         |
|                                 | Standard Deviation | .757                                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 75      | 3.50                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                             | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                          | 13    | 6.8%    |
|                                 | 3                  | Some                                                                                                                   | 56    | 29.2%   |
|                                 | 4                  | Quite a bit                                                                                                            | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                                                           | 2     | 1.0%    |

### A1confpol5\_2

|                     |             | Value                                                                    | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 267                                                                      |       |         |
|                     | Label       | A1: Policymakers are capable of...-Minimizing potential risks for humans |       |         |
|                     | Type        | Numeric                                                                  |       |         |
|                     | Format      | F8                                                                       |       |         |
|                     | Measurement | Scale                                                                    |       |         |
|                     |             |                                                                          |       |         |
| N                   | Valid       | 96                                                                       |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Missing            | 96            |    |       |
| Central Tendency and Dispersion | Mean               | 3.26          |    |       |
|                                 | Standard Deviation | .798          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 2  | 1.0%  |
|                                 | 2                  | Just a little | 10 | 5.2%  |
|                                 | 3                  | Some          | 50 | 26.0% |
|                                 | 4                  | Quite a bit   | 29 | 15.1% |
|                                 | 5                  | A great deal  | 5  | 2.6%  |

#### A1confpol5\_4

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 268                                                                          |       |         |
|                                 | Label              | A1: Policymakers are capable of...- Minimizing potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
| N                               | Valid              | 96                                                                           |       |         |
|                                 | Missing            | 96                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.16                                                                         |       |         |
|                                 | Standard Deviation | .786                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                   | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                | 13    | 6.8%    |
|                                 | 3                  | Some                                                                         | 53    | 27.6%   |
|                                 | 4                  | Quite a bit                                                                  | 24    | 12.5%   |
|                                 | 5                  | A great deal                                                                 | 4     | 2.1%    |

#### A1confpol5\_3

|                                 |             | Value                                                                                                               | Count | Percent |
|---------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 269                                                                                                                 |       |         |
|                                 | Label       | A1: Policymakers are capable of...-Thinking about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type        | Numeric                                                                                                             |       |         |
|                                 | Format      | F8                                                                                                                  |       |         |
|                                 | Measurement | Scale                                                                                                               |       |         |
| N                               | Valid       | 96                                                                                                                  |       |         |
|                                 | Missing     | 96                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean        | 3.17                                                                                                                |       |         |

|                |                    |               |      |       |  |
|----------------|--------------------|---------------|------|-------|--|
|                | Standard Deviation |               | .691 |       |  |
|                | Percentile 25      |               | 3.00 |       |  |
|                | Percentile 50      |               | 3.00 |       |  |
|                | Percentile 75      |               | 4.00 |       |  |
| Labeled Values | 1                  | Not at all    | 3    | 1.6%  |  |
|                | 2                  | Just a little | 6    | 3.1%  |  |
|                | 3                  | Some          | 60   | 31.3% |  |
|                | 4                  | Quite a bit   | 26   | 13.5% |  |
|                | 5                  | A great deal  | 1    | 0.5%  |  |

### A1confpol5\_5

|                                 |                    | Value                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 270                                                              |       |         |
|                                 | Label              | A1: Policymakers are capable of...-Maximizing potential benefits |       |         |
|                                 | Type               | Numeric                                                          |       |         |
|                                 | Format             | F8                                                               |       |         |
|                                 | Measurement        | Scale                                                            |       |         |
| N                               | Valid              | 96                                                               |       |         |
|                                 | Missing            | 96                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.35                                                             |       |         |
|                                 | Standard Deviation | .821                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                       | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                    | 6     | 3.1%    |
|                                 | 3                  | Some                                                             | 53    | 27.6%   |
|                                 | 4                  | Quite a bit                                                      | 26    | 13.5%   |
|                                 | 5                  | A great deal                                                     | 9     | 4.7%    |

### A1confpol6\_1

|                                 |                    | Value                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 271                                                                                                                    |       |         |
|                                 | Label              | A1: Policymakers are motivated to...-Make decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                  |       |         |
| N                               | Valid              | 96                                                                                                                     |       |         |
|                                 | Missing            | 96                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.17                                                                                                                   |       |         |
|                                 | Standard Deviation | .902                                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                   |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 3  | 1.6%  |
|                | 2             | Just a little | 16 | 8.3%  |
|                | 3             | Some          | 46 | 24.0% |
|                | 4             | Quite a bit   | 24 | 12.5% |
|                | 5             | A great deal  | 7  | 3.6%  |

### A1confpol6\_2

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 272                                                                       |       |         |
|                                 | Label              | A1: Policymakers are motivated to...- Minimize potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
|                                 |                    |                                                                           |       |         |
| N                               | Valid              | 96                                                                        |       |         |
|                                 | Missing            | 96                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                                                      |       |         |
|                                 | Standard Deviation | .958                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                             | 15    | 7.8%    |
|                                 | 3                  | Some                                                                      | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                                               | 24    | 12.5%   |
|                                 | 5                  | A great deal                                                              | 9     | 4.7%    |

### A1confpol6\_4

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 273                                                                          |       |         |
|                                 | Label              | A1: Policymakers are motivated to...- Minimize potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
|                                 |                    |                                                                              |       |         |
| N                               | Valid              | 96                                                                           |       |         |
|                                 | Missing            | 96                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.92                                                                         |       |         |
|                                 | Standard Deviation | .948                                                                         |       |         |
|                                 | Percentile 25      | 2.00                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                   | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                | 25    | 13.0%   |
|                                 | 3                  | Some                                                                         | 40    | 20.8%   |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 4 | Quite a bit  | 21 | 10.9% |
|  | 5 | A great deal | 4  | 2.1%  |

### A1confpol6\_3

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 274                                                                                                                |       |         |
|                                 | Label              | A1: Policymakers are motivated to...-Think about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 96                                                                                                                 |       |         |
|                                 | Missing            | 96                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.90                                                                                                               |       |         |
|                                 | Standard Deviation | .814                                                                                                               |       |         |
|                                 | Percentile 25      | 2.50                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                               |       |         |
|                                 | Percentile 75      | 3.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                                      | 18    | 9.4%    |
|                                 | 3                  | Some                                                                                                               | 53    | 27.6%   |
|                                 | 4                  | Quite a bit                                                                                                        | 18    | 9.4%    |
|                                 | 5                  | A great deal                                                                                                       | 1     | 0.5%    |

### A1confpol6\_5

|                                 |                    | Value                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 275                                                              |       |         |
|                                 | Label              | A1: Policymakers are motivated to...-Maximize potential benefits |       |         |
|                                 | Type               | Numeric                                                          |       |         |
|                                 | Format             | F8                                                               |       |         |
|                                 | Measurement        | Scale                                                            |       |         |
|                                 |                    |                                                                  |       |         |
| N                               | Valid              | 96                                                               |       |         |
|                                 | Missing            | 96                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.60                                                             |       |         |
|                                 | Standard Deviation | 1.021                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                             |       |         |
|                                 | Percentile 75      | 4.50                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                       | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                    | 8     | 4.2%    |
|                                 | 3                  | Some                                                             | 40    | 20.8%   |
|                                 | 4                  | Quite a bit                                                      | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                     | 24    | 12.5%   |

**TA1\_12\_1**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 276                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 96                 |
|                                 | Missing            | 96                 |
| Central Tendency and Dispersion | Mean               | 15.4510            |
|                                 | Standard Deviation | 16.73184           |
|                                 | Percentile 25      | 6.6105             |
|                                 | Percentile 50      | 8.9610             |
|                                 | Percentile 75      | 16.0115            |

**TA1\_12\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 277               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 96                |
|                                 | Missing            | 96                |
| Central Tendency and Dispersion | Mean               | 72.0261           |
|                                 | Standard Deviation | 78.97643          |
|                                 | Percentile 25      | 40.4535           |
|                                 | Percentile 50      | 57.5010           |
|                                 | Percentile 75      | 80.1150           |

**TA1\_12\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 278                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 96                 |
|                                 | Missing            | 96                 |
| Central Tendency and Dispersion | Mean               | 73.6148            |
|                                 | Standard Deviation | 78.83635           |
|                                 | Percentile 25      | 42.3360            |
|                                 | Percentile 50      | 58.6385            |
|                                 | Percentile 75      | 82.5390            |

**TA1\_12\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 279                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 96                 |
|                                 | Missing            | 96                 |
| Central Tendency and Dispersion | Mean               | 17.6042            |
|                                 | Standard Deviation | 2.75100            |
|                                 | Percentile 25      | 16.0000            |
|                                 | Percentile 50      | 17.0000            |
|                                 | Percentile 75      | 19.0000            |

**Q187**

|                                 |                    | Value                                                                                                                 |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 280                                                                                                                   |
|                                 | Label              | DEMOGRAPHICS<br>BACKGROUND<br>(Section 5 of 5) If you<br>gave consent for your<br>assignment data to be<br>used fo... |
|                                 | Type               | Numeric                                                                                                               |
|                                 | Format             | F8                                                                                                                    |
|                                 | Measurement        | Scale                                                                                                                 |
| N                               | Valid              | 186                                                                                                                   |
|                                 | Missing            | 6                                                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                  |
|                                 | Standard Deviation | .000                                                                                                                  |
|                                 | Percentile 25      | 1.00                                                                                                                  |
|                                 | Percentile 50      | 1.00                                                                                                                  |
|                                 | Percentile 75      | 1.00                                                                                                                  |

**age\_cat**

|                     |             | Value               | Count | Percent |
|---------------------|-------------|---------------------|-------|---------|
| Standard Attributes | Position    | 281                 |       |         |
|                     | Label       | -What is your age?  |       |         |
|                     | Type        | Numeric             |       |         |
|                     | Format      | F3                  |       |         |
|                     | Measurement | Nominal             |       |         |
| Valid Values        | 18          | 18 years or younger | 54    | 28.1%   |
|                     | 20          | 19 or 20 years      | 110   | 57.3%   |
|                     | 21          | 21 years or older   | 22    | 11.5%   |
| Missing Values      | System      |                     | 6     | 3.1%    |

**gender**

|                                 |                    | Value      | Count | Percent |
|---------------------------------|--------------------|------------|-------|---------|
| Standard Attributes             | Position           | 282        |       |         |
|                                 | Label              | A1: Gender |       |         |
|                                 | Type               | Numeric    |       |         |
|                                 | Format             | F8         |       |         |
|                                 | Measurement        | Scale      |       |         |
| N                               | Valid              | 186        |       |         |
|                                 | Missing            | 6          |       |         |
| Central Tendency and Dispersion | Mean               | 1.53       |       |         |
|                                 | Standard Deviation | .501       |       |         |
|                                 | Percentile 25      | 1.00       |       |         |
|                                 | Percentile 50      | 2.00       |       |         |
|                                 | Percentile 75      | 2.00       |       |         |
| Labeled Values                  | 1                  | Male       | 88    | 45.8%   |
|                                 | 2                  | Female     | 98    | 51.0%   |

**year\_cat**

|                                 |                    | Value                        | Count | Percent |
|---------------------------------|--------------------|------------------------------|-------|---------|
| Standard Attributes             | Position           | 283                          |       |         |
|                                 | Label              | A1: Year in school           |       |         |
|                                 | Type               | Numeric                      |       |         |
|                                 | Format             | F8                           |       |         |
|                                 | Measurement        | Scale                        |       |         |
| N                               | Valid              | 186                          |       |         |
|                                 | Missing            | 6                            |       |         |
| Central Tendency and Dispersion | Mean               | 1.56                         |       |         |
|                                 | Standard Deviation | .727                         |       |         |
|                                 | Percentile 25      | 1.00                         |       |         |
|                                 | Percentile 50      | 1.00                         |       |         |
|                                 | Percentile 75      | 2.00                         |       |         |
| Labeled Values                  | 1                  | freshman                     | 108   | 56.3%   |
|                                 | 2                  | sophomore                    | 52    | 27.1%   |
|                                 | 3                  | upper class jr sr grad other | 26    | 13.5%   |
|                                 |                    |                              |       |         |

#### a1major\_1\_cat

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 284                                                                       |       |         |
|                                 | Label              | A1: Major-&nbsp;nbsp;nbsp;                                                |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
| N                               | Valid              | 186                                                                       |       |         |
|                                 | Missing            | 6                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.61                                                                      |       |         |
|                                 | Standard Deviation | 2.667                                                                     |       |         |
|                                 | Percentile 25      | 1.00                                                                      |       |         |
|                                 | Percentile 50      | 1.00                                                                      |       |         |
|                                 | Percentile 75      | 7.00                                                                      |       |         |
| Labeled Values                  | 1                  | biological science, bioscience engineering, biochem/chem, pre-vet/pre-med | 136   | 70.8%   |
|                                 | 7                  | other                                                                     | 50    | 26.0%   |

#### grades

|                     |             | Value                        | Count | Percent |
|---------------------|-------------|------------------------------|-------|---------|
| Standard Attributes | Position    | 285                          |       |         |
|                     | Label       | A1: Average grade of student |       |         |
|                     | Type        | Numeric                      |       |         |
|                     | Format      | F8                           |       |         |
|                     | Measurement | Scale                        |       |         |

|                                 |                    |                |     |       |
|---------------------------------|--------------------|----------------|-----|-------|
| N                               | Valid              | 186            |     |       |
|                                 | Missing            | 6              |     |       |
| Central Tendency and Dispersion | Mean               | 1.37           |     |       |
|                                 | Standard Deviation | .505           |     |       |
|                                 | Percentile 25      | 1.00           |     |       |
|                                 | Percentile 50      | 1.00           |     |       |
|                                 | Percentile 75      | 2.00           |     |       |
| Labeled Values                  | 1                  | an "A" student | 120 | 62.5% |
|                                 | 2                  | a "B" student  | 64  | 33.3% |
|                                 | 3                  | a "C" student  | 2   | 1.0%  |
|                                 | 4                  | a "D" student  | 0   | 0.0%  |

#### a1\_momedu

|                                 |                    | Value                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 286                                                            |       |         |
|                                 | Label              | A1: Mother's highest level of education                        |       |         |
|                                 | Type               | Numeric                                                        |       |         |
|                                 | Format             | F8                                                             |       |         |
|                                 | Measurement        | Scale                                                          |       |         |
| N                               | Valid              | 185                                                            |       |         |
|                                 | Missing            | 7                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 4.65                                                           |       |         |
|                                 | Standard Deviation | 1.760                                                          |       |         |
|                                 | Percentile 25      | 4.00                                                           |       |         |
|                                 | Percentile 50      | 5.00                                                           |       |         |
|                                 | Percentile 75      | 5.00                                                           |       |         |
| Labeled Values                  | 1                  | Did not complete high school                                   | 8     | 4.2%    |
|                                 | 2                  | Completed high school                                          | 21    | 10.9%   |
|                                 | 3                  | Completed some post-secondary education, but no degree         | 17    | 8.9%    |
|                                 | 4                  | Received a 2-year degree, e.g., associate's degree             | 21    | 10.9%   |
|                                 | 5                  | Received a 4-year college degree, e.g., B.A., B.S., etc.       | 77    | 40.1%   |
|                                 | 6                  | Completed some post-graduate courses, but no additional degree | 4     | 2.1%    |
|                                 | 7                  | Received a 2-year post-graduate degree (e.g., M.A., M.S., etc) | 30    | 15.6%   |
|                                 | 8                  | Received a 4-year post-graduate degree (e.g., Phd, D.Ed, etc)  | 7     | 3.6%    |
|                                 | 9                  | I don't know                                                   | 1     | 0.5%    |

#### a1\_dadedu

|  | Value | Count | Percent |
|--|-------|-------|---------|
|--|-------|-------|---------|

|                                 |                    |                                                                |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 287                                                            |    |       |
|                                 | Label              | A1: Father's highest level of education                        |    |       |
|                                 | Type               | Numeric                                                        |    |       |
|                                 | Format             | F8                                                             |    |       |
|                                 | Measurement        | Scale                                                          |    |       |
| N                               | Valid              | 184                                                            |    |       |
|                                 | Missing            | 8                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 5.29                                                           |    |       |
|                                 | Standard Deviation | 2.005                                                          |    |       |
|                                 | Percentile 25      | 4.00                                                           |    |       |
|                                 | Percentile 50      | 5.00                                                           |    |       |
|                                 | Percentile 75      | 7.00                                                           |    |       |
| Labeled Values                  | 1                  | Did not complete high school                                   | 2  | 1.0%  |
|                                 | 2                  | Completed high school                                          | 20 | 10.4% |
|                                 | 3                  | Completed some post-secondary education, but no degree         | 17 | 8.9%  |
|                                 | 4                  | Received a 2-year degree, e.g., associate's degree             | 18 | 9.4%  |
|                                 | 5                  | Received a 4-year college degree, e.g., B.A., B.S., etc.       | 57 | 29.7% |
|                                 | 6                  | Completed some post-graduate courses, but no additional degree | 4  | 2.1%  |
|                                 | 7                  | Received a 2-year post-graduate degree (e.g., M.A., M.S., etc) | 29 | 15.1% |
|                                 | 8                  | Received a 4-year post-graduate degree (e.g., Phd, D.Ed, etc)  | 37 | 19.3% |
|                                 | 9                  | I don't know                                                   | 2  | 1.0%  |

#### a1\_ethcla

|                                 |                    | Value                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 288                                               |       |         |
|                                 | Label              | A1: Amount of previous academic work about ethics |       |         |
|                                 | Type               | Numeric                                           |       |         |
|                                 | Format             | F8                                                |       |         |
|                                 | Measurement        | Scale                                             |       |         |
| N                               | Valid              | 186                                               |       |         |
|                                 | Missing            | 6                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.65                                              |       |         |
|                                 | Standard Deviation | .954                                              |       |         |
|                                 | Percentile 25      | 2.00                                              |       |         |
|                                 | Percentile 50      | 2.00                                              |       |         |
|                                 | Percentile 75      | 3.00                                              |       |         |
| Labeled Values                  | 1                  | None                                              | 14    | 7.3%    |

|  |   |                   |    |       |
|--|---|-------------------|----|-------|
|  | 2 | A little          | 80 | 41.7% |
|  | 3 | Some              | 55 | 28.6% |
|  | 4 | A moderate amount | 31 | 16.1% |
|  | 5 | A great deal      | 6  | 3.1%  |

|  |
|--|
|  |
|--|

### a1\_ethcla2

|                                 |                    | Value                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 289                                       |       |         |
|                                 | Label              | A1: How many previous courses with ethics |       |         |
|                                 | Type               | Numeric                                   |       |         |
|                                 | Format             | F8                                        |       |         |
|                                 | Measurement        | Scale                                     |       |         |
| N                               | Valid              | 186                                       |       |         |
|                                 | Missing            | 6                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.98                                      |       |         |
|                                 | Standard Deviation | 1.431                                     |       |         |
|                                 | Percentile 25      | 2.00                                      |       |         |
|                                 | Percentile 50      | 3.00                                      |       |         |
|                                 | Percentile 75      | 4.00                                      |       |         |
| Labeled Values                  | 1                  | 0                                         | 19    | 9.9%    |
|                                 | 2                  | 1                                         | 67    | 34.9%   |
|                                 | 3                  | 2                                         | 43    | 22.4%   |
|                                 | 4                  | 3                                         | 29    | 15.1%   |
|                                 | 5                  | 4                                         | 16    | 8.3%    |
|                                 | 6                  | 5                                         | 7     | 3.6%    |
|                                 | 7                  | More than 5                               | 5     | 2.6%    |

### TA1\_13\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 290                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 186                |
|                                 | Missing            | 6                  |
| Central Tendency and Dispersion | Mean               | 6.3723             |
|                                 | Standard Deviation | 15.78076           |
|                                 | Percentile 25      | 1.9500             |
|                                 | Percentile 50      | 2.6380             |
|                                 | Percentile 75      | 5.2080             |

### TA1\_13\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 291               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 186               |
|                                 | Missing            | 6                 |
| Central Tendency and Dispersion | Mean               | 68.2840           |
|                                 | Standard Deviation | 33.25160          |
|                                 | Percentile 25      | 48.0550           |

|  |               |         |
|--|---------------|---------|
|  | Percentile 50 | 59.6570 |
|  | Percentile 75 | 79.4720 |

### TA1\_13\_3

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 292                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 186                |
|                                 | Missing            | 6                  |
| Central Tendency and Dispersion | Mean               | 71.7933            |
|                                 | Standard Deviation | 35.02060           |
|                                 | Percentile 25      | 49.8930            |
|                                 | Percentile 50      | 63.5470            |
|                                 | Percentile 75      | 84.6260            |

### TA1\_13\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 293                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 186                |
|                                 | Missing            | 6                  |
| Central Tendency and Dispersion | Mean               | 13.8871            |
|                                 | Standard Deviation | 4.42146            |
|                                 | Percentile 25      | 11.0000            |
|                                 | Percentile 50      | 13.0000            |
|                                 | Percentile 75      | 16.0000            |

### Q209

|                                 |                    | Value                                                                                                    |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 294                                                                                                      |
|                                 | Label              | This is the last page of questions!<br>Because people with different personalities and likes and disl... |
|                                 | Type               | Numeric                                                                                                  |
|                                 | Format             | F8                                                                                                       |
|                                 | Measurement        | Scale                                                                                                    |
| N                               | Valid              | 186                                                                                                      |
|                                 | Missing            | 6                                                                                                        |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                     |
|                                 | Standard Deviation | .000                                                                                                     |
|                                 | Percentile 25      | 1.00                                                                                                     |
|                                 | Percentile 50      | 1.00                                                                                                     |
|                                 | Percentile 75      | 1.00                                                                                                     |

### a1DISPT1

|                     |          | Value                     | Count | Percent |
|---------------------|----------|---------------------------|-------|---------|
| Standard Attributes | Position | 295                       |       |         |
|                     | Label    | A1: Can people be trusted |       |         |
|                     | Type     | Numeric                   |       |         |

|                                 |                    |                             |    |       |
|---------------------------------|--------------------|-----------------------------|----|-------|
|                                 | Format             | F8                          |    |       |
|                                 | Measurement        | Scale                       |    |       |
| N                               | Valid              | 186                         |    |       |
|                                 | Missing            | 6                           |    |       |
| Central Tendency and Dispersion | Mean               | 5.42                        |    |       |
|                                 | Standard Deviation | 1.891                       |    |       |
|                                 | Percentile 25      | 4.00                        |    |       |
|                                 | Percentile 50      | 6.00                        |    |       |
|                                 | Percentile 75      | 7.00                        |    |       |
| Labeled Values                  | 1                  | You can't be too careful.   | 7  | 3.6%  |
|                                 | 2                  | 2                           | 5  | 2.6%  |
|                                 | 3                  | 3                           | 24 | 12.5% |
|                                 | 4                  | 4                           | 20 | 10.4% |
|                                 | 5                  | 5                           | 27 | 14.1% |
|                                 | 6                  | 6                           | 41 | 21.4% |
|                                 | 7                  | 7                           | 43 | 22.4% |
|                                 | 8                  | 8                           | 15 | 7.8%  |
|                                 | 9                  | 9                           | 3  | 1.6%  |
|                                 | 10                 | Most people can be trusted. | 1  | 0.5%  |

### a1DISPT2

|                                 |                    | Value                                          | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 296                                            |       |         |
|                                 | Label              | A1: Are people trying to take advantage        |       |         |
|                                 | Type               | Numeric                                        |       |         |
|                                 | Format             | F8                                             |       |         |
|                                 | Measurement        | Scale                                          |       |         |
| N                               | Valid              | 186                                            |       |         |
|                                 | Missing            | 6                                              |       |         |
| Central Tendency and Dispersion | Mean               | 5.40                                           |       |         |
|                                 | Standard Deviation | 1.771                                          |       |         |
|                                 | Percentile 25      | 4.00                                           |       |         |
|                                 | Percentile 50      | 5.00                                           |       |         |
|                                 | Percentile 75      | 7.00                                           |       |         |
| Labeled Values                  | 1                  | Most people would try to take advantage of me. | 4     | 2.1%    |
|                                 | 2                  | 2                                              | 3     | 1.6%    |
|                                 | 3                  | 3                                              | 22    | 11.5%   |
|                                 | 4                  | 4                                              | 30    | 15.6%   |
|                                 | 5                  | 5                                              | 36    | 18.8%   |
|                                 | 6                  | 6                                              | 35    | 18.2%   |
|                                 | 7                  | 7                                              | 35    | 18.2%   |
|                                 | 8                  | 8                                              | 17    | 8.9%    |
|                                 | 9                  | 9                                              | 3     | 1.6%    |
|                                 | 10                 | Most people would try to be fair.              | 1     | 0.5%    |

### a1DISPT3

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                   |    |       |
|---------------------------------|--------------------|---------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 297                                               |    |       |
|                                 | Label              | A1: Are people only looking out for themselves    |    |       |
|                                 | Type               | Numeric                                           |    |       |
|                                 | Format             | F8                                                |    |       |
|                                 | Measurement        | Scale                                             |    |       |
| N                               | Valid              | 186                                               |    |       |
|                                 | Missing            | 6                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 5.39                                              |    |       |
|                                 | Standard Deviation | 1.843                                             |    |       |
|                                 | Percentile 25      | 4.00                                              |    |       |
|                                 | Percentile 50      | 5.00                                              |    |       |
|                                 | Percentile 75      | 7.00                                              |    |       |
| Labeled Values                  | 1                  | Most of the time, people look out for themselves. | 3  | 1.6%  |
|                                 | 2                  | 2                                                 | 10 | 5.2%  |
|                                 | 3                  | 3                                                 | 15 | 7.8%  |
|                                 | 4                  | 4                                                 | 30 | 15.6% |
|                                 | 5                  | 5                                                 | 42 | 21.9% |
|                                 | 6                  | 6                                                 | 26 | 13.5% |
|                                 | 7                  | 7                                                 | 41 | 21.4% |
|                                 | 8                  | 8                                                 | 12 | 6.3%  |
|                                 | 9                  | 9                                                 | 5  | 2.6%  |
|                                 | 10                 | Most of the time, people try to be helpful.       | 2  | 1.0%  |

#### a1TRAITS\_1

|                                 |                    | Value                                              | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 298                                                |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I distrust people |       |         |
|                                 | Type               | Numeric                                            |       |         |
|                                 | Format             | F8                                                 |       |         |
|                                 | Measurement        | Scale                                              |       |         |
| N                               | Valid              | 186                                                |       |         |
|                                 | Missing            | 6                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.03                                               |       |         |
|                                 | Standard Deviation | 1.021                                              |       |         |
|                                 | Percentile 25      | 2.00                                               |       |         |
|                                 | Percentile 50      | 3.00                                               |       |         |
|                                 | Percentile 75      | 4.00                                               |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                  | 10    | 5.2%    |
|                                 | 2                  | Disagree                                           | 50    | 26.0%   |
|                                 | 3                  | Slightly Disagree                                  | 64    | 33.3%   |
|                                 | 4                  | Slightly Agree                                     | 50    | 26.0%   |
|                                 | 5                  | Agree                                              | 11    | 5.7%    |
|                                 | 6                  | Strongly Agree                                     | 1     | 0.5%    |

#### a1TRAITS\_2

|                                 |                    | Value                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 299                                                      |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I trust what people say |       |         |
|                                 | Type               | Numeric                                                  |       |         |
|                                 | Format             | F8                                                       |       |         |
|                                 | Measurement        | Scale                                                    |       |         |
| N                               | Valid              | 186                                                      |       |         |
|                                 | Missing            | 6                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.70                                                     |       |         |
|                                 | Standard Deviation | .926                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                     |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                        | 3     | 1.6%    |
|                                 | 2                  | Disagree                                                 | 16    | 8.3%    |
|                                 | 3                  | Slightly Disagree                                        | 47    | 24.5%   |
|                                 | 4                  | Slightly Agree                                           | 89    | 46.4%   |
|                                 | 5                  | Agree                                                    | 29    | 15.1%   |
|                                 | 6                  | Strongly Agree                                           | 2     | 1.0%    |

#### a1TRAITS\_3

|                                 |                    | Value                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 300                                                                         |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I believe that others have good intentions |       |         |
|                                 | Type               | Numeric                                                                     |       |         |
|                                 | Format             | F8                                                                          |       |         |
|                                 | Measurement        | Scale                                                                       |       |         |
| N                               | Valid              | 186                                                                         |       |         |
|                                 | Missing            | 6                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 4.14                                                                        |       |         |
|                                 | Standard Deviation | .925                                                                        |       |         |
|                                 | Percentile 25      | 4.00                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                        |       |         |
|                                 | Percentile 75      | 5.00                                                                        |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                           | 0     | 0.0%    |
|                                 | 2                  | Disagree                                                                    | 11    | 5.7%    |
|                                 | 3                  | Slightly Disagree                                                           | 27    | 14.1%   |
|                                 | 4                  | Slightly Agree                                                              | 81    | 42.2%   |
|                                 | 5                  | Agree                                                                       | 59    | 30.7%   |
|                                 | 6                  | Strongly Agree                                                              | 8     | 4.2%    |

#### a1TRAITS\_4

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 301   |       |         |

|                                 |                    |                                                                     |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-I suspect hidden motives in others |    |       |
|                                 | Type               | Numeric                                                             |    |       |
|                                 | Format             | F8                                                                  |    |       |
|                                 | Measurement        | Scale                                                               |    |       |
| N                               | Valid              | 186                                                                 |    |       |
|                                 | Missing            | 6                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.60                                                                |    |       |
|                                 | Standard Deviation | .966                                                                |    |       |
|                                 | Percentile 25      | 3.00                                                                |    |       |
|                                 | Percentile 50      | 4.00                                                                |    |       |
|                                 | Percentile 75      | 4.00                                                                |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                   | 2  | 1.0%  |
|                                 | 2                  | Disagree                                                            | 24 | 12.5% |
|                                 | 3                  | Slightly Disagree                                                   | 50 | 26.0% |
|                                 | 4                  | Slightly Agree                                                      | 84 | 43.8% |
|                                 | 5                  | Agree                                                               | 22 | 11.5% |
|                                 | 6                  | Strongly Agree                                                      | 4  | 2.1%  |

#### a1TRAITS\_5

|                                 |                    | Value                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 302                                                                   |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I believe most people try to be fair |       |         |
|                                 | Type               | Numeric                                                               |       |         |
|                                 | Format             | F8                                                                    |       |         |
|                                 | Measurement        | Scale                                                                 |       |         |
|                                 |                    |                                                                       |       |         |
| N                               | Valid              | 186                                                                   |       |         |
|                                 | Missing            | 6                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.97                                                                  |       |         |
|                                 | Standard Deviation | .863                                                                  |       |         |
|                                 | Percentile 25      | 4.00                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                  |       |         |
|                                 | Percentile 75      | 5.00                                                                  |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                     | 2     | 1.0%    |
|                                 | 2                  | Disagree                                                              | 7     | 3.6%    |
|                                 | 3                  | Slightly Disagree                                                     | 36    | 18.8%   |
|                                 | 4                  | Slightly Agree                                                        | 94    | 49.0%   |
|                                 | 5                  | Agree                                                                 | 44    | 22.9%   |
|                                 | 6                  | Strongly Agree                                                        | 3     | 1.6%    |

#### a1TRAITS\_6

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 303   |       |         |

|                                 |                    |                                                                                       |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-The notion of thinking abstractly is appealing to me |    |       |
|                                 | Type               | Numeric                                                                               |    |       |
|                                 | Format             | F8                                                                                    |    |       |
|                                 | Measurement        | Scale                                                                                 |    |       |
| N                               | Valid              | 186                                                                                   |    |       |
|                                 | Missing            | 6                                                                                     |    |       |
| Central Tendency and Dispersion | Mean               | 4.28                                                                                  |    |       |
|                                 | Standard Deviation | .992                                                                                  |    |       |
|                                 | Percentile 25      | 4.00                                                                                  |    |       |
|                                 | Percentile 50      | 4.00                                                                                  |    |       |
|                                 | Percentile 75      | 5.00                                                                                  |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                     | 1  | 0.5%  |
|                                 | 2                  | Disagree                                                                              | 8  | 4.2%  |
|                                 | 3                  | Slightly Disagree                                                                     | 23 | 12.0% |
|                                 | 4                  | Slightly Agree                                                                        | 78 | 40.6% |
|                                 | 5                  | Agree                                                                                 | 57 | 29.7% |
|                                 | 6                  | Strongly Agree                                                                        | 19 | 9.9%  |

#### a1TRAITS\_7

|                                 |                    | Value                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 304                                                                                                                         |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I like to have the responsibility of handling a situation that requires a lot of thinking. |       |         |
|                                 | Type               | Numeric                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                       |       |         |
|                                 |                    |                                                                                                                             |       |         |
| N                               | Valid              | 186                                                                                                                         |       |         |
|                                 | Missing            | 6                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 4.31                                                                                                                        |       |         |
|                                 | Standard Deviation | .934                                                                                                                        |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                        |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                           | 1     | 0.5%    |
|                                 | 2                  | Disagree                                                                                                                    | 5     | 2.6%    |
|                                 | 3                  | Slightly Disagree                                                                                                           | 22    | 11.5%   |
|                                 | 4                  | Slightly Agree                                                                                                              | 84    | 43.8%   |
|                                 | 5                  | Agree                                                                                                                       | 56    | 29.2%   |
|                                 | 6                  | Strongly Agree                                                                                                              | 18    | 9.4%    |

#### a1TRAITS\_8

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 305   |       |         |

|                                 |                    |                                                                  |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-Thinking is not my idea of fun. |    |       |
|                                 | Type               | Numeric                                                          |    |       |
|                                 | Format             | F8                                                               |    |       |
|                                 | Measurement        | Scale                                                            |    |       |
| N                               | Valid              | 186                                                              |    |       |
|                                 | Missing            | 6                                                                |    |       |
| Central Tendency and Dispersion | Mean               | 2.38                                                             |    |       |
|                                 | Standard Deviation | 1.018                                                            |    |       |
|                                 | Percentile 25      | 2.00                                                             |    |       |
|                                 | Percentile 50      | 2.00                                                             |    |       |
|                                 | Percentile 75      | 3.00                                                             |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                | 42 | 21.9% |
|                                 | 2                  | Disagree                                                         | 60 | 31.3% |
|                                 | 3                  | Slightly Disagree                                                | 58 | 30.2% |
|                                 | 4                  | Slightly Agree                                                   | 23 | 12.0% |
|                                 | 5                  | Agree                                                            | 3  | 1.6%  |
|                                 | 6                  | Strongly Agree                                                   | 0  | 0.0%  |

#### a1TRAITS\_9

|                                 |                    | Value                                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 306                                                                                                                                                    |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I try to anticipate and avoid situations where there is likely a chance I will have to think in depth about something |       |         |
|                                 | Type               | Numeric                                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                                        |       |         |
| N                               | Valid              | 186                                                                                                                                                    |       |         |
|                                 | Missing            | 6                                                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.40                                                                                                                                                   |       |         |
|                                 | Standard Deviation | .971                                                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                   |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                      | 34    | 17.7%   |
|                                 | 2                  | Disagree                                                                                                                                               | 72    | 37.5%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                      | 55    | 28.6%   |
|                                 | 4                  | Slightly Agree                                                                                                                                         | 22    | 11.5%   |
|                                 | 5                  | Agree                                                                                                                                                  | 3     | 1.6%    |
|                                 | 6                  | Strongly Agree                                                                                                                                         | 0     | 0.0%    |

#### a1TRAITS\_10

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 307   |       |         |

|                                 |                    |                                                                                                                |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-I really enjoy a task that involves coming up with new solutions to problems. |    |       |
|                                 | Type               | Numeric                                                                                                        |    |       |
|                                 | Format             | F8                                                                                                             |    |       |
|                                 | Measurement        | Scale                                                                                                          |    |       |
| N                               | Valid              | 186                                                                                                            |    |       |
|                                 | Missing            | 6                                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 4.40                                                                                                           |    |       |
|                                 | Standard Deviation | 1.067                                                                                                          |    |       |
|                                 | Percentile 25      | 4.00                                                                                                           |    |       |
|                                 | Percentile 50      | 4.00                                                                                                           |    |       |
|                                 | Percentile 75      | 5.00                                                                                                           |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                              | 2  | 1.0%  |
|                                 | 2                  | Disagree                                                                                                       | 9  | 4.7%  |
|                                 | 3                  | Slightly Disagree                                                                                              | 15 | 7.8%  |
|                                 | 4                  | Slightly Agree                                                                                                 | 76 | 39.6% |
|                                 | 5                  | Agree                                                                                                          | 55 | 28.6% |
|                                 | 6                  | Strongly Agree                                                                                                 | 29 | 15.1% |

#### a1TRAITS\_11

|                                 |                    | Value                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 308                                                                                     |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-Learning new ways to think doesn't excite me very much |       |         |
|                                 | Type               | Numeric                                                                                 |       |         |
|                                 | Format             | F8                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                   |       |         |
|                                 |                    |                                                                                         |       |         |
| N                               | Valid              | 186                                                                                     |       |         |
|                                 | Missing            | 6                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.38                                                                                    |       |         |
|                                 | Standard Deviation | 1.018                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                    |       |         |
|                                 | Percentile 50      | 2.00                                                                                    |       |         |
|                                 | Percentile 75      | 3.00                                                                                    |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                       | 41    | 21.4%   |
|                                 | 2                  | Disagree                                                                                | 63    | 32.8%   |
|                                 | 3                  | Slightly Disagree                                                                       | 57    | 29.7%   |
|                                 | 4                  | Slightly Agree                                                                          | 21    | 10.9%   |
|                                 | 5                  | Agree                                                                                   | 4     | 2.1%    |
|                                 | 6                  | Strongly Agree                                                                          | 0     | 0.0%    |

#### a1TRAITS\_12

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 309   |       |         |

|                                 |                    |                                                                                                                        |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-I usually end up deliberating about issues even when they do not affect me personally |    |       |
|                                 | Type               | Numeric                                                                                                                |    |       |
|                                 | Format             | F8                                                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                                                  |    |       |
| N                               | Valid              | 186                                                                                                                    |    |       |
|                                 | Missing            | 6                                                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 3.84                                                                                                                   |    |       |
|                                 | Standard Deviation | 1.093                                                                                                                  |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                   |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                   |    |       |
|                                 | Percentile 75      | 5.00                                                                                                                   |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                      | 5  | 2.6%  |
|                                 | 2                  | Disagree                                                                                                               | 18 | 9.4%  |
|                                 | 3                  | Slightly Disagree                                                                                                      | 35 | 18.2% |
|                                 | 4                  | Slightly Agree                                                                                                         | 81 | 42.2% |
|                                 | 5                  | Agree                                                                                                                  | 38 | 19.8% |
|                                 | 6                  | Strongly Agree                                                                                                         | 9  | 4.7%  |

#### a1TRAITS\_13

|                                 |                    | Value                                                                                                      | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 310                                                                                                        |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-A good citizen should listen to people who disagree with them politically |       |         |
|                                 | Type               | Numeric                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                      |       |         |
|                                 |                    |                                                                                                            |       |         |
| N                               | Valid              | 186                                                                                                        |       |         |
|                                 | Missing            | 6                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 4.49                                                                                                       |       |         |
|                                 | Standard Deviation | .943                                                                                                       |       |         |
|                                 | Percentile 25      | 4.00                                                                                                       |       |         |
|                                 | Percentile 50      | 5.00                                                                                                       |       |         |
|                                 | Percentile 75      | 5.00                                                                                                       |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                          | 0     | 0.0%    |
|                                 | 2                  | Disagree                                                                                                   | 8     | 4.2%    |
|                                 | 3                  | Slightly Disagree                                                                                          | 11    | 5.7%    |
|                                 | 4                  | Slightly Agree                                                                                             | 73    | 38.0%   |
|                                 | 5                  | Agree                                                                                                      | 70    | 36.5%   |
|                                 | 6                  | Strongly Agree                                                                                             | 24    | 12.5%   |

#### a1TRAITS\_14

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 311   |       |         |

|                                 |                    |                                                                                                          |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-A good citizen should allow others to challenge their political beliefs |    |       |
|                                 | Type               | Numeric                                                                                                  |    |       |
|                                 | Format             | F8                                                                                                       |    |       |
|                                 | Measurement        | Scale                                                                                                    |    |       |
| N                               | Valid              | 186                                                                                                      |    |       |
|                                 | Missing            | 6                                                                                                        |    |       |
| Central Tendency and Dispersion | Mean               | 4.46                                                                                                     |    |       |
|                                 | Standard Deviation | .982                                                                                                     |    |       |
|                                 | Percentile 25      | 4.00                                                                                                     |    |       |
|                                 | Percentile 50      | 4.00                                                                                                     |    |       |
|                                 | Percentile 75      | 5.00                                                                                                     |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                        | 2  | 1.0%  |
|                                 | 2                  | Disagree                                                                                                 | 3  | 1.6%  |
|                                 | 3                  | Slightly Disagree                                                                                        | 18 | 9.4%  |
|                                 | 4                  | Slightly Agree                                                                                           | 74 | 38.5% |
|                                 | 5                  | Agree                                                                                                    | 62 | 32.3% |
|                                 | 6                  | Strongly Agree                                                                                           | 27 | 14.1% |

#### a1TRAITS\_15

|                                 |                    | Value                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 312                                                                                                       |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-A good citizen should discuss politics with those who disagree with them |       |         |
|                                 | Type               | Numeric                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                     |       |         |
|                                 |                    |                                                                                                           |       |         |
| N                               | Valid              | 186                                                                                                       |       |         |
|                                 | Missing            | 6                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.90                                                                                                      |       |         |
|                                 | Standard Deviation | 1.086                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                      |       |         |
|                                 | Percentile 75      | 5.00                                                                                                      |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                         | 5     | 2.6%    |
|                                 | 2                  | Disagree                                                                                                  | 12    | 6.3%    |
|                                 | 3                  | Slightly Disagree                                                                                         | 41    | 21.4%   |
|                                 | 4                  | Slightly Agree                                                                                            | 78    | 40.6%   |
|                                 | 5                  | Agree                                                                                                     | 38    | 19.8%   |
|                                 | 6                  | Strongly Agree                                                                                            | 12    | 6.3%    |

#### a1TRAITS\_16

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 313   |       |         |

|                                 |                    |                                                                                                    |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-A good citizen should be willing to justify their political views |    |       |
|                                 | Type               | Numeric                                                                                            |    |       |
|                                 | Format             | F8                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                              |    |       |
| N                               | Valid              | 186                                                                                                |    |       |
|                                 | Missing            | 6                                                                                                  |    |       |
| Central Tendency and Dispersion | Mean               | 4.42                                                                                               |    |       |
|                                 | Standard Deviation | 1.017                                                                                              |    |       |
|                                 | Percentile 25      | 4.00                                                                                               |    |       |
|                                 | Percentile 50      | 4.00                                                                                               |    |       |
|                                 | Percentile 75      | 5.00                                                                                               |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                  | 1  | 0.5%  |
|                                 | 2                  | Disagree                                                                                           | 4  | 2.1%  |
|                                 | 3                  | Slightly Disagree                                                                                  | 28 | 14.6% |
|                                 | 4                  | Slightly Agree                                                                                     | 62 | 32.3% |
|                                 | 5                  | Agree                                                                                              | 64 | 33.3% |
|                                 | 6                  | Strongly Agree                                                                                     | 27 | 14.1% |

#### a1TRAITS\_17

|                                 |                    | Value                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 314                                                                                                                                           |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-If a citizen is dissatisfied with the policies of government, he or she has a duty to do something about it. |       |         |
|                                 | Type               | Numeric                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                               |       |         |
| N                               | Valid              | 186                                                                                                                                           |       |         |
|                                 | Missing            | 6                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 4.41                                                                                                                                          |       |         |
|                                 | Standard Deviation | .815                                                                                                                                          |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                          |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                             | 0     | 0.0%    |
|                                 | 2                  | Disagree                                                                                                                                      | 2     | 1.0%    |
|                                 | 3                  | Slightly Disagree                                                                                                                             | 20    | 10.4%   |
|                                 | 4                  | Slightly Agree                                                                                                                                | 77    | 40.1%   |
|                                 | 5                  | Agree                                                                                                                                         | 74    | 38.5%   |
|                                 | 6                  | Strongly Agree                                                                                                                                | 13    | 6.8%    |

#### a1TRAITS\_18

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 315   |       |         |

|                                 |                    |                                                                                                |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-I follow political issues because I want to learn new things. |    |       |
|                                 | Type               | Numeric                                                                                        |    |       |
|                                 | Format             | F8                                                                                             |    |       |
|                                 | Measurement        | Scale                                                                                          |    |       |
| N                               | Valid              | 186                                                                                            |    |       |
|                                 | Missing            | 6                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.78                                                                                           |    |       |
|                                 | Standard Deviation | 1.217                                                                                          |    |       |
|                                 | Percentile 25      | 3.00                                                                                           |    |       |
|                                 | Percentile 50      | 4.00                                                                                           |    |       |
|                                 | Percentile 75      | 5.00                                                                                           |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                              | 9  | 4.7%  |
|                                 | 2                  | Disagree                                                                                       | 23 | 12.0% |
|                                 | 3                  | Slightly Disagree                                                                              | 29 | 15.1% |
|                                 | 4                  | Slightly Agree                                                                                 | 74 | 38.5% |
|                                 | 5                  | Agree                                                                                          | 41 | 21.4% |
|                                 | 6                  | Strongly Agree                                                                                 | 10 | 5.2%  |

#### a1TRAITS\_19

|                                 |                    | Value                                                                                              | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 316                                                                                                |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I follow political issues because that's what I'm expected to do. |       |         |
|                                 | Type               | Numeric                                                                                            |       |         |
|                                 | Format             | F8                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                              |       |         |
|                                 |                    |                                                                                                    |       |         |
| N                               | Valid              | 186                                                                                                |       |         |
|                                 | Missing            | 6                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.04                                                                                               |       |         |
|                                 | Standard Deviation | 1.097                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                               |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                  | 15    | 7.8%    |
|                                 | 2                  | Disagree                                                                                           | 47    | 24.5%   |
|                                 | 3                  | Slightly Disagree                                                                                  | 54    | 28.1%   |
|                                 | 4                  | Slightly Agree                                                                                     | 58    | 30.2%   |
|                                 | 5                  | Agree                                                                                              | 10    | 5.2%    |
|                                 | 6                  | Strongly Agree                                                                                     | 2     | 1.0%    |

#### a1TRAITS\_20

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 317   |       |         |

|                                 |                    |                                                                                                |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-I follow political issues because it bothers me when I don't. |    |       |
|                                 | Type               | Numeric                                                                                        |    |       |
|                                 | Format             | F8                                                                                             |    |       |
|                                 | Measurement        | Scale                                                                                          |    |       |
| N                               | Valid              | 186                                                                                            |    |       |
|                                 | Missing            | 6                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.02                                                                                           |    |       |
|                                 | Standard Deviation | 1.115                                                                                          |    |       |
|                                 | Percentile 25      | 2.00                                                                                           |    |       |
|                                 | Percentile 50      | 3.00                                                                                           |    |       |
|                                 | Percentile 75      | 4.00                                                                                           |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                              | 14 | 7.3%  |
|                                 | 2                  | Disagree                                                                                       | 49 | 25.5% |
|                                 | 3                  | Slightly Disagree                                                                              | 61 | 31.8% |
|                                 | 4                  | Slightly Agree                                                                                 | 46 | 24.0% |
|                                 | 5                  | Agree                                                                                          | 13 | 6.8%  |
|                                 | 6                  | Strongly Agree                                                                                 | 3  | 1.6%  |

#### a1TRAITS\_21

|                                 |                    | Value                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 318                                                                                    |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-Being politically conscious is important to who I am. |       |         |
|                                 | Type               | Numeric                                                                                |       |         |
|                                 | Format             | F8                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                  |       |         |
|                                 |                    |                                                                                        |       |         |
| N                               | Valid              | 186                                                                                    |       |         |
|                                 | Missing            | 6                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.56                                                                                   |       |         |
|                                 | Standard Deviation | 1.238                                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                                   |       |         |
|                                 | Percentile 50      | 4.00                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                   |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                      | 12    | 6.3%    |
|                                 | 2                  | Disagree                                                                               | 26    | 13.5%   |
|                                 | 3                  | Slightly Disagree                                                                      | 40    | 20.8%   |
|                                 | 4                  | Slightly Agree                                                                         | 71    | 37.0%   |
|                                 | 5                  | Agree                                                                                  | 27    | 14.1%   |
|                                 | 6                  | Strongly Agree                                                                         | 10    | 5.2%    |

#### a1TRAITS\_22

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 319   |       |         |

|                                 |                    |                                                                                                    |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-I follow political issues because that's what I'm supposed to do. |    |       |
|                                 | Type               | Numeric                                                                                            |    |       |
|                                 | Format             | F8                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                              |    |       |
| N                               | Valid              | 186                                                                                                |    |       |
|                                 | Missing            | 6                                                                                                  |    |       |
| Central Tendency and Dispersion | Mean               | 2.97                                                                                               |    |       |
|                                 | Standard Deviation | 1.124                                                                                              |    |       |
|                                 | Percentile 25      | 2.00                                                                                               |    |       |
|                                 | Percentile 50      | 3.00                                                                                               |    |       |
|                                 | Percentile 75      | 4.00                                                                                               |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                  | 15 | 7.8%  |
|                                 | 2                  | Disagree                                                                                           | 54 | 28.1% |
|                                 | 3                  | Slightly Disagree                                                                                  | 57 | 29.7% |
|                                 | 4                  | Slightly Agree                                                                                     | 45 | 23.4% |
|                                 | 5                  | Agree                                                                                              | 12 | 6.3%  |
|                                 | 6                  | Strongly Agree                                                                                     | 3  | 1.6%  |

#### a1TRAITS\_23

|                                 |                    | Value                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 320                                                                                                         |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I follow political issues because I will feel bad about myself if I don't. |       |         |
|                                 | Type               | Numeric                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                       |       |         |
|                                 |                    |                                                                                                             |       |         |
| N                               | Valid              | 186                                                                                                         |       |         |
|                                 | Missing            | 6                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.75                                                                                                        |       |         |
|                                 | Standard Deviation | 1.057                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                                        |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                           | 23    | 12.0%   |
|                                 | 2                  | Disagree                                                                                                    | 56    | 29.2%   |
|                                 | 3                  | Slightly Disagree                                                                                           | 57    | 29.7%   |
|                                 | 4                  | Slightly Agree                                                                                              | 45    | 23.4%   |
|                                 | 5                  | Agree                                                                                                       | 4     | 2.1%    |
|                                 | 6                  | Strongly Agree                                                                                              | 1     | 0.5%    |

#### a1TRAITS\_24

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 321   |       |         |

|                                 |                    |                                                                                            |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-I follow political issues because I think it's important. |    |       |
|                                 | Type               | Numeric                                                                                    |    |       |
|                                 | Format             | F8                                                                                         |    |       |
|                                 | Measurement        | Scale                                                                                      |    |       |
| N                               | Valid              | 186                                                                                        |    |       |
|                                 | Missing            | 6                                                                                          |    |       |
| Central Tendency and Dispersion | Mean               | 3.89                                                                                       |    |       |
|                                 | Standard Deviation | 1.173                                                                                      |    |       |
|                                 | Percentile 25      | 3.00                                                                                       |    |       |
|                                 | Percentile 50      | 4.00                                                                                       |    |       |
|                                 | Percentile 75      | 5.00                                                                                       |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                          | 6  | 3.1%  |
|                                 | 2                  | Disagree                                                                                   | 19 | 9.9%  |
|                                 | 3                  | Slightly Disagree                                                                          | 33 | 17.2% |
|                                 | 4                  | Slightly Agree                                                                             | 73 | 38.0% |
|                                 | 5                  | Agree                                                                                      | 42 | 21.9% |
|                                 | 6                  | Strongly Agree                                                                             | 13 | 6.8%  |

#### a1TRAITS\_25

|                                 |                    | Value                                                                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 322                                                                                           |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I consider myself well-qualified to participate in politics. |       |         |
|                                 | Type               | Numeric                                                                                       |       |         |
|                                 | Format             | F8                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                         |       |         |
|                                 |                    |                                                                                               |       |         |
| N                               | Valid              | 186                                                                                           |       |         |
|                                 | Missing            | 6                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.28                                                                                          |       |         |
|                                 | Standard Deviation | 1.290                                                                                         |       |         |
|                                 | Percentile 25      | 2.00                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                          |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                             | 16    | 8.3%    |
|                                 | 2                  | Disagree                                                                                      | 39    | 20.3%   |
|                                 | 3                  | Slightly Disagree                                                                             | 47    | 24.5%   |
|                                 | 4                  | Slightly Agree                                                                                | 52    | 27.1%   |
|                                 | 5                  | Agree                                                                                         | 24    | 12.5%   |
|                                 | 6                  | Strongly Agree                                                                                | 8     | 4.2%    |

#### a1TRAITS\_26

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 323   |       |         |

|                                 |                    |                                                                                                    |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A1: Traits : Extent of Agreement-People like me don't have any say about what the government does. |    |       |
|                                 | Type               | Numeric                                                                                            |    |       |
|                                 | Format             | F8                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                              |    |       |
| N                               | Valid              | 186                                                                                                |    |       |
|                                 | Missing            | 6                                                                                                  |    |       |
| Central Tendency and Dispersion | Mean               | 3.13                                                                                               |    |       |
|                                 | Standard Deviation | 1.152                                                                                              |    |       |
|                                 | Percentile 25      | 2.00                                                                                               |    |       |
|                                 | Percentile 50      | 3.00                                                                                               |    |       |
|                                 | Percentile 75      | 4.00                                                                                               |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                  | 9  | 4.7%  |
|                                 | 2                  | Disagree                                                                                           | 51 | 26.6% |
|                                 | 3                  | Slightly Disagree                                                                                  | 59 | 30.7% |
|                                 | 4                  | Slightly Agree                                                                                     | 47 | 24.5% |
|                                 | 5                  | Agree                                                                                              | 13 | 6.8%  |
|                                 | 6                  | Strongly Agree                                                                                     | 7  | 3.6%  |

#### a1TRAITS\_27

|                                 |                    | Value                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 324                                                                                                                                                   |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-Sometimes politics and government seem so complicated that a person like me can't really understand what's going on. |       |         |
|                                 | Type               | Numeric                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                       |       |         |
| N                               | Valid              | 186                                                                                                                                                   |       |         |
|                                 | Missing            | 6                                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.43                                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.251                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                     | 12    | 6.3%    |
|                                 | 2                  | Disagree                                                                                                                                              | 32    | 16.7%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                     | 48    | 25.0%   |
|                                 | 4                  | Slightly Agree                                                                                                                                        | 64    | 33.3%   |
|                                 | 5                  | Agree                                                                                                                                                 | 18    | 9.4%    |
|                                 | 6                  | Strongly Agree                                                                                                                                        | 12    | 6.3%    |

#### a1TRAITS\_28

|  | Value | Count | Percent |
|--|-------|-------|---------|
|--|-------|-------|---------|

|                                 |                    |                                                                                                             |    |       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 325                                                                                                         |    |       |
|                                 | Label              | A1: Traits : Extent of Agreement-I think that I am better informed about social issues than other students. |    |       |
|                                 | Type               | Numeric                                                                                                     |    |       |
|                                 | Format             | F8                                                                                                          |    |       |
|                                 | Measurement        | Scale                                                                                                       |    |       |
|                                 |                    |                                                                                                             |    |       |
| N                               | Valid              | 186                                                                                                         |    |       |
|                                 | Missing            | 6                                                                                                           |    |       |
| Central Tendency and Dispersion | Mean               | 3.51                                                                                                        |    |       |
|                                 | Standard Deviation | 1.092                                                                                                       |    |       |
|                                 | Percentile 25      | 3.00                                                                                                        |    |       |
|                                 | Percentile 50      | 3.50                                                                                                        |    |       |
|                                 | Percentile 75      | 4.00                                                                                                        |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                           | 4  | 2.1%  |
|                                 | 2                  | Disagree                                                                                                    | 29 | 15.1% |
|                                 | 3                  | Slightly Disagree                                                                                           | 60 | 31.3% |
|                                 | 4                  | Slightly Agree                                                                                              | 63 | 32.8% |
|                                 | 5                  | Agree                                                                                                       | 22 | 11.5% |
|                                 | 6                  | Strongly Agree                                                                                              | 8  | 4.2%  |

#### a1TRAITS\_29

|                                 |                    | Value                                                                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 326                                                                                                                  |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-I feel I have a pretty good understanding of current social issues facing my world. |       |         |
|                                 | Type               | Numeric                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                |       |         |
|                                 |                    |                                                                                                                      |       |         |
| N                               | Valid              | 186                                                                                                                  |       |         |
|                                 | Missing            | 6                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.72                                                                                                                 |       |         |
|                                 | Standard Deviation | 1.055                                                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                    | 2     | 1.0%    |
|                                 | 2                  | Disagree                                                                                                             | 23    | 12.0%   |
|                                 | 3                  | Slightly Disagree                                                                                                    | 49    | 25.5%   |
|                                 | 4                  | Slightly Agree                                                                                                       | 71    | 37.0%   |
|                                 | 5                  | Agree                                                                                                                | 34    | 17.7%   |
|                                 | 6                  | Strongly Agree                                                                                                       | 7     | 3.6%    |

#### a1TRAITS\_30

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                      |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 327                                                                                                  |    |       |
|                                 | Label              | A1: Traits : Extent of Agreement-I consider myself well qualified to provide input on social issues. |    |       |
|                                 | Type               | Numeric                                                                                              |    |       |
|                                 | Format             | F8                                                                                                   |    |       |
|                                 | Measurement        | Scale                                                                                                |    |       |
|                                 |                    |                                                                                                      |    |       |
| N                               | Valid              | 186                                                                                                  |    |       |
|                                 | Missing            | 6                                                                                                    |    |       |
| Central Tendency and Dispersion | Mean               | 3.73                                                                                                 |    |       |
|                                 | Standard Deviation | 1.141                                                                                                |    |       |
|                                 | Percentile 25      | 3.00                                                                                                 |    |       |
|                                 | Percentile 50      | 4.00                                                                                                 |    |       |
|                                 | Percentile 75      | 4.00                                                                                                 |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                    | 6  | 3.1%  |
|                                 | 2                  | Disagree                                                                                             | 24 | 12.5% |
|                                 | 3                  | Slightly Disagree                                                                                    | 38 | 19.8% |
|                                 | 4                  | Slightly Agree                                                                                       | 72 | 37.5% |
|                                 | 5                  | Agree                                                                                                | 39 | 20.3% |
|                                 | 6                  | Strongly Agree                                                                                       | 7  | 3.6%  |

#### a1TRAITS\_31

|                                 |                    | Value                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 328                                                                                                                        |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-Obedience and respect for authority are the most important virtues children should learn. |       |         |
|                                 | Type               | Numeric                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                      |       |         |
|                                 |                    |                                                                                                                            |       |         |
| N                               | Valid              | 186                                                                                                                        |       |         |
|                                 | Missing            | 6                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.56                                                                                                                       |       |         |
|                                 | Standard Deviation | 1.167                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                       |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                          | 7     | 3.6%    |
|                                 | 2                  | Disagree                                                                                                                   | 29    | 15.1%   |
|                                 | 3                  | Slightly Disagree                                                                                                          | 50    | 26.0%   |
|                                 | 4                  | Slightly Agree                                                                                                             | 59    | 30.7%   |
|                                 | 5                  | Agree                                                                                                                      | 35    | 18.2%   |
|                                 | 6                  | Strongly Agree                                                                                                             | 6     | 3.1%    |

#### a1TRAITS\_32

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                                                                                             |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 329                                                                                                                                                                                         |    |       |
|                                 | Label              | A1: Traits : Extent of Agreement-In these troubled times laws have to be enforced without mercy, especially when dealing with the agitators and revolutionaries who are stirring things up. |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                     |    |       |
|                                 | Format             | F8                                                                                                                                                                                          |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                       |    |       |
|                                 |                    |                                                                                                                                                                                             |    |       |
| N                               | Valid              | 186                                                                                                                                                                                         |    |       |
|                                 | Missing            | 6                                                                                                                                                                                           |    |       |
| Central Tendency and Dispersion | Mean               | 3.15                                                                                                                                                                                        |    |       |
|                                 | Standard Deviation | 1.068                                                                                                                                                                                       |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                        |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                        |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                        |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                           | 15 | 7.8%  |
|                                 | 2                  | Disagree                                                                                                                                                                                    | 33 | 17.2% |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                           | 63 | 32.8% |
|                                 | 4                  | Slightly Agree                                                                                                                                                                              | 61 | 31.8% |
|                                 | 5                  | Agree                                                                                                                                                                                       | 13 | 6.8%  |
|                                 | 6                  | Strongly Agree                                                                                                                                                                              | 1  | 0.5%  |

### a1TRAITS\_33

|                                 |                    | Value                                                                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 330                                                                                                                                                                                      |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-The self-righteous "forces of law and order" threaten freedom in our country a lot more than most of the groups they claim are "radical" and "godless". |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                    |       |         |
|                                 |                    |                                                                                                                                                                                          |       |         |
| N                               | Valid              | 186                                                                                                                                                                                      |       |         |
|                                 | Missing            | 6                                                                                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                                                                                                                                                     |       |         |
|                                 | Standard Deviation | 1.154                                                                                                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                        | 10    | 5.2%    |
|                                 | 2                  | Disagree                                                                                                                                                                                 | 36    | 18.8%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                        | 65    | 33.9%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                           | 52    | 27.1%   |
|                                 | 5                  | Agree                                                                                                                                                                                    | 15    | 7.8%    |

|   |                |   |      |
|---|----------------|---|------|
| 6 | Strongly Agree | 8 | 4.2% |
|---|----------------|---|------|

#### a1TRAITS\_34

|                                 |                    | Value                                                                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 331                                                                                                                                                                                        |       |         |
|                                 | Label              | A1: Traits : Extent of Agreement-Atheists and others who have rebelled against the established religions are no doubt every bit as good and virtuous as those who attend church regularly. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                                                                            |       |         |
| N                               | Valid              | 186                                                                                                                                                                                        |       |         |
|                                 | Missing            | 6                                                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 4.18                                                                                                                                                                                       |       |         |
|                                 | Standard Deviation | 1.280                                                                                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                       |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                       |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                          | 2     | 1.0%    |
|                                 | 2                  | Disagree                                                                                                                                                                                   | 16    | 8.3%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                          | 40    | 20.8%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                             | 55    | 28.6%   |
|                                 | 5                  | Agree                                                                                                                                                                                      | 35    | 18.2%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                             | 38    | 19.8%   |

#### TA1\_14\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 332                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 186                |
|                                 | Missing            | 6                  |
| Central Tendency and Dispersion | Mean               | 29.5724            |
|                                 | Standard Deviation | 152.47260          |
|                                 | Percentile 25      | 8.0720             |
|                                 | Percentile 50      | 12.4960            |
|                                 | Percentile 75      | 16.7760            |

#### TA1\_14\_2

|                                 |             | Value             |
|---------------------------------|-------------|-------------------|
| Standard Attributes             | Position    | 333               |
|                                 | Label       | Timing-Last Click |
|                                 | Type        | Numeric           |
|                                 | Format      | F8.2              |
|                                 | Measurement | Scale             |
|                                 |             |                   |
| N                               | Valid       | 186               |
|                                 | Missing     | 6                 |
| Central Tendency and Dispersion | Mean        | 795.7077          |

|  |                    |            |
|--|--------------------|------------|
|  | Standard Deviation | 6599.99529 |
|  | Percentile 25      | 191.1010   |
|  | Percentile 50      | 249.1915   |
|  | Percentile 75      | 329.0520   |

### TA1\_14\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 334                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 186                |
|                                 | Missing            | 6                  |
| Central Tendency and Dispersion | Mean               | 797.9686           |
|                                 | Standard Deviation | 6599.90671         |
|                                 | Percentile 25      | 195.2660           |
|                                 | Percentile 50      | 251.1130           |
|                                 | Percentile 75      | 329.9750           |

### TA1\_14\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 335                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 186                |
|                                 | Missing            | 6                  |
| Central Tendency and Dispersion | Mean               | 45.5215            |
|                                 | Standard Deviation | 11.56145           |
|                                 | Percentile 25      | 40.0000            |
|                                 | Percentile 50      | 42.0000            |
|                                 | Percentile 75      | 47.0000            |

### Q213

|                                 |                    |                                                                                                               |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                         |
| Standard Attributes             | Position           | 336                                                                                                           |
|                                 | Label              | New Biology<br>Assignment 1<br>--<br>Completion Certificate<br>-- That's it!<br>You are done!<br>Please pr... |
|                                 | Type               | Numeric                                                                                                       |
|                                 | Format             | F8                                                                                                            |
|                                 | Measurement        | Scale                                                                                                         |
| N                               | Valid              | 158                                                                                                           |
|                                 | Missing            | 34                                                                                                            |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                          |
|                                 | Standard Deviation | .000                                                                                                          |
|                                 | Percentile 25      | 1.00                                                                                                          |
|                                 | Percentile 50      | 1.00                                                                                                          |
|                                 | Percentile 75      | 1.00                                                                                                          |

### Q210

|                     |          |       |
|---------------------|----------|-------|
|                     |          | Value |
| Standard Attributes | Position | 337   |

|                                 |                    |                                                                                     |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|
|                                 | Label              | When you are done,<br>click continue to<br>submit your<br>assignment. THANK<br>YOU! |
|                                 | Type               | Numeric                                                                             |
|                                 | Format             | F8                                                                                  |
|                                 | Measurement        | Scale                                                                               |
| N                               | Valid              | 162                                                                                 |
|                                 | Missing            | 30                                                                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                |
|                                 | Standard Deviation | .000                                                                                |
|                                 | Percentile 25      | 1.00                                                                                |
|                                 | Percentile 50      | 1.00                                                                                |
|                                 | Percentile 75      | 1.00                                                                                |

### a2\_IT

|                     |             | Value                            | Count | Percent |
|---------------------|-------------|----------------------------------|-------|---------|
| Standard Attributes | Position    | 338                              |       |         |
|                     | Label       | assignment 2 three<br>conditions |       |         |
|                     | Type        | Numeric                          |       |         |
|                     | Format      | F8.2                             |       |         |
|                     | Measurement | Nominal                          |       |         |
| Valid Values        | .00         | feedback                         | 56    | 29.2%   |
|                     | 1.00        | critical thinking                | 60    | 31.3%   |
|                     | 2.00        | information<br>organization      | 65    | 33.9%   |
| Missing Values      | System      |                                  | 11    | 5.7%    |

### a2IT\_feedback

|                     |             | Value   | Count | Percent |
|---------------------|-------------|---------|-------|---------|
| Standard Attributes | Position    | 339     |       |         |
|                     | Label       | <none>  |       |         |
|                     | Type        | Numeric |       |         |
|                     | Format      | F8.2    |       |         |
|                     | Measurement | Nominal |       |         |
| Valid Values        | .00         |         | 125   | 65.1%   |
|                     | 1.00        |         | 56    | 29.2%   |
| Missing Values      | -99.00      |         | 11    | 5.7%    |

### a2IT\_CT

|                     |             | Value   | Count | Percent |
|---------------------|-------------|---------|-------|---------|
| Standard Attributes | Position    | 340     |       |         |
|                     | Label       | <none>  |       |         |
|                     | Type        | Numeric |       |         |
|                     | Format      | F8.2    |       |         |
|                     | Measurement | Nominal |       |         |
| Valid Values        | .00         |         | 121   | 63.0%   |
|                     | 1.00        |         | 60    | 31.3%   |

|                |        |  |    |      |
|----------------|--------|--|----|------|
| Missing Values | -99.00 |  | 11 | 5.7% |
|----------------|--------|--|----|------|

### a2IT\_InfoOrg

|                     |             | Value   | Count | Percent |
|---------------------|-------------|---------|-------|---------|
| Standard Attributes | Position    | 341     |       |         |
|                     | Label       | <none>  |       |         |
|                     | Type        | Numeric |       |         |
|                     | Format      | F8.2    |       |         |
|                     | Measurement | Nominal |       |         |
| Valid Values        | .00         |         | 116   | 60.4%   |
|                     | 1.00        |         | 65    | 33.9%   |
| Missing Values      | -99.00      |         | 11    | 5.7%    |

### Q1

|                                 |                    | Value                                                                                                                |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 342                                                                                                                  |
|                                 | Label              | Considering New<br>Biology ...<br>Issues in<br>Nanotechnology<br>Genetics<br><br>The<br>purposes of the New<br>Bi... |
|                                 | Type               | Numeric                                                                                                              |
|                                 | Format             | F8                                                                                                                   |
|                                 | Measurement        | Scale                                                                                                                |
| N                               | Valid              | 181                                                                                                                  |
|                                 | Missing            | 11                                                                                                                   |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                 |
|                                 | Standard Deviation | .000                                                                                                                 |
|                                 | Percentile 25      | 1.00                                                                                                                 |
|                                 | Percentile 50      | 1.00                                                                                                                 |
|                                 | Percentile 75      | 1.00                                                                                                                 |

### a2\_REC1

|                     |             | Value                                                     | Count | Percent |
|---------------------|-------------|-----------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 343                                                       |       |         |
|                     | Label       | A2: Recitation-<br>Recitation section<br>number (151-157) |       |         |
|                     | Type        | Numeric                                                   |       |         |
|                     | Format      | F3                                                        |       |         |
|                     | Measurement | Nominal                                                   |       |         |
| Valid Values        | 151         |                                                           | 29    | 15.1%   |
|                     | 152         |                                                           | 22    | 11.5%   |
|                     | 153         |                                                           | 27    | 14.1%   |
|                     | 154         |                                                           | 31    | 16.1%   |
|                     | 155         |                                                           | 23    | 12.0%   |
|                     | 156         |                                                           | 23    | 12.0%   |

|                |        |  |    |       |
|----------------|--------|--|----|-------|
|                | 157    |  | 26 | 13.5% |
| Missing Values | System |  | 11 | 5.7%  |

### a2\_reciinstr\_anon

|                     |             | Value                                        | Count | Percent |
|---------------------|-------------|----------------------------------------------|-------|---------|
| Standard Attributes | Position    | 344                                          |       |         |
|                     | Label       | recitation instructor number instead of name |       |         |
|                     | Type        | Numeric                                      |       |         |
|                     | Format      | F8.2                                         |       |         |
|                     | Measurement | Nominal                                      |       |         |
| Valid Values        | 1.00        |                                              | 49    | 25.5%   |
|                     | 2.00        |                                              | 26    | 13.5%   |
|                     | 3.00        |                                              | 53    | 27.6%   |
|                     | 4.00        |                                              | 22    | 11.5%   |
|                     | 5.00        |                                              | 29    | 15.1%   |
| Missing Values      | -99.00      |                                              | 13    | 6.8%    |

### Q251\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 345                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 1201.2658          |
|                                 | Standard Deviation | 12029.13998        |
|                                 | Percentile 25      | 2.5270             |
|                                 | Percentile 50      | 4.6950             |
|                                 | Percentile 75      | 15.3140            |

### Q251\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 346               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 181               |
|                                 | Missing            | 11                |
| Central Tendency and Dispersion | Mean               | 1523.2681         |
|                                 | Standard Deviation | 12635.81784       |
|                                 | Percentile 25      | 14.5950           |
|                                 | Percentile 50      | 25.5760           |
|                                 | Percentile 75      | 45.1560           |

### Q251\_3

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 347   |

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 1551.8857          |
|                                 | Standard Deviation | 12634.01865        |
|                                 | Percentile 25      | 30.6730            |
|                                 | Percentile 50      | 42.2210            |
|                                 | Percentile 75      | 87.1440            |

#### Q251\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 348                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 3.2707             |
|                                 | Standard Deviation | 2.82227            |
|                                 | Percentile 25      | 2.0000             |
|                                 | Percentile 50      | 3.0000             |
|                                 | Percentile 75      | 4.0000             |

#### Q203

|                                 |                    |                                                                                                                    |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                              |
| Standard Attributes             | Position           | 349                                                                                                                |
|                                 | Label              | What do you think?<br>Before getting started,<br>please indicate what<br>you think right NOW<br>about the follo... |
|                                 | Type               | Numeric                                                                                                            |
|                                 | Format             | F8                                                                                                                 |
|                                 | Measurement        | Scale                                                                                                              |
| N                               | Valid              | 181                                                                                                                |
|                                 | Missing            | 11                                                                                                                 |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                               |
|                                 | Standard Deviation | .000                                                                                                               |
|                                 | Percentile 25      | 1.00                                                                                                               |
|                                 | Percentile 50      | 1.00                                                                                                               |
|                                 | Percentile 75      | 1.00                                                                                                               |

#### a2NTfam

|                                 |                    |                                    |       |         |
|---------------------------------|--------------------|------------------------------------|-------|---------|
|                                 |                    | Value                              | Count | Percent |
| Standard Attributes             | Position           | 350                                |       |         |
|                                 | Label              | familiarity with<br>nanotechnology |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 181                                |       |         |
|                                 | Missing            | 11                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.08                               |       |         |
|                                 | Standard Deviation | .756                               |       |         |

|                |               |                     |    |       |
|----------------|---------------|---------------------|----|-------|
|                | Percentile 25 | 2.00                |    |       |
|                | Percentile 50 | 2.00                |    |       |
|                | Percentile 75 | 3.00                |    |       |
| Labeled Values | 1             | Not at all familiar | 41 | 21.4% |
|                | 2             | Slightly familiar   | 89 | 46.4% |
|                | 3             | Somewhat familiar   | 47 | 24.5% |
|                | 4             | Very Familiar       | 4  | 2.1%  |
|                | 5             | Extremely familiar  | 0  | 0.0%  |

### a2NGfam

|                                 |                    | Value                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 351                                                                              |       |         |
|                                 | Label              | familiarity with how nanotechnology is used in genetics research and development |       |         |
|                                 | Type               | Numeric                                                                          |       |         |
|                                 | Format             | F8                                                                               |       |         |
|                                 | Measurement        | Scale                                                                            |       |         |
|                                 |                    |                                                                                  |       |         |
| N                               | Valid              | 181                                                                              |       |         |
|                                 | Missing            | 11                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 1.76                                                                             |       |         |
|                                 | Standard Deviation | .704                                                                             |       |         |
|                                 | Percentile 25      | 1.00                                                                             |       |         |
|                                 | Percentile 50      | 2.00                                                                             |       |         |
|                                 | Percentile 75      | 2.00                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all familiar                                                              | 72    | 37.5%   |
|                                 | 2                  | Slightly familiar                                                                | 81    | 42.2%   |
|                                 | 3                  | Somewhat familiar                                                                | 28    | 14.6%   |
|                                 | 4                  | Very Familiar                                                                    | 0     | 0.0%    |
|                                 | 5                  | Extremely familiar                                                               | 0     | 0.0%    |

### a2pre\_riskben

|                                 |                    | Value                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 352                                     |       |         |
|                                 | Label              | A2: Risks/Benefits                      |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
|                                 |                    |                                         |       |         |
| N                               | Valid              | 181                                     |       |         |
|                                 | Missing            | 11                                      |       |         |
| Central Tendency and Dispersion | Mean               | 4.54                                    |       |         |
|                                 | Standard Deviation | 1.540                                   |       |         |
|                                 | Percentile 25      | 4.00                                    |       |         |
|                                 | Percentile 50      | 5.00                                    |       |         |
|                                 | Percentile 75      | 6.00                                    |       |         |
| Labeled Values                  | 1                  | The risks greatly outweigh the benefits | 5     | 2.6%    |

|  |   |                                          |    |       |
|--|---|------------------------------------------|----|-------|
|  | 2 | The risks somewhat outweigh the benefits | 17 | 8.9%  |
|  | 3 | The risks slightly outweigh the benefits | 23 | 12.0% |
|  | 4 | The risks and benefits are equal         | 39 | 20.3% |
|  | 5 | The benefits slightly outweigh the risks | 40 | 20.8% |
|  | 6 | The benefits somewhat outweigh the risks | 42 | 21.9% |
|  | 7 | The benefits greatly outweigh the risks  | 15 | 7.8%  |
|  |   |                                          |    |       |
|  |   |                                          |    |       |

#### a2pre\_regslid

|                                 |                    | Value                                                 |
|---------------------------------|--------------------|-------------------------------------------------------|
| Standard Attributes             | Position           | 353                                                   |
|                                 | Label              | A2: Amount of regulation: Slider-No regulation at all |
|                                 | Type               | Numeric                                               |
|                                 | Format             | F8.2                                                  |
|                                 | Measurement        | Scale                                                 |
| N                               | Valid              | 181                                                   |
|                                 | Missing            | 11                                                    |
| Central Tendency and Dispersion | Mean               | 57.6519                                               |
|                                 | Standard Deviation | 20.17191                                              |
|                                 | Percentile 25      | 48.0000                                               |
|                                 | Percentile 50      | 58.0000                                               |
|                                 | Percentile 75      | 72.0000                                               |

#### Q311\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 354                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 237.9685           |
|                                 | Standard Deviation | 2982.06288         |
|                                 | Percentile 25      | 4.4840             |
|                                 | Percentile 50      | 7.8110             |
|                                 | Percentile 75      | 14.1710            |

#### Q311\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 355               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 181               |
|                                 | Missing            | 11                |
| Central Tendency and Dispersion | Mean               | 323.2059          |
|                                 | Standard Deviation | 2993.07884        |
|                                 | Percentile 25      | 35.4050           |
|                                 | Percentile 50      | 49.0240           |
|                                 | Percentile 75      | 78.6150           |

**Q311\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 356                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 326.4664           |
|                                 | Standard Deviation | 2993.12722         |
|                                 | Percentile 25      | 38.2200            |
|                                 | Percentile 50      | 51.5790            |
|                                 | Percentile 75      | 80.9170            |

**Q311\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 357                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 6.3425             |
|                                 | Standard Deviation | 4.26404            |
|                                 | Percentile 25      | 4.0000             |
|                                 | Percentile 50      | 5.0000             |
|                                 | Percentile 75      | 7.0000             |

**a2kq01\_1**

|                                 |                    | Value                                                                           |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 358                                                                             |
|                                 | Label              | A2: Current examples of human enhancement-Education in schools and universities |
|                                 | Type               | Numeric                                                                         |
|                                 | Format             | F8                                                                              |
|                                 | Measurement        | Scale                                                                           |
| N                               | Valid              | 44                                                                              |
|                                 | Missing            | 148                                                                             |
| Central Tendency and Dispersion | Mean               | 1.00                                                                            |
|                                 | Standard Deviation | .000                                                                            |
|                                 | Percentile 25      | 1.00                                                                            |
|                                 | Percentile 50      | 1.00                                                                            |
|                                 | Percentile 75      | 1.00                                                                            |

**a2kq01\_2**

|                     |             | Value                                                                                     |
|---------------------|-------------|-------------------------------------------------------------------------------------------|
| Standard Attributes | Position    | 359                                                                                       |
|                     | Label       | A2: Current examples of human enhancement-The use performance-enhancing drugs by athletes |
|                     | Type        | Numeric                                                                                   |
|                     | Format      | F8                                                                                        |
|                     | Measurement | Scale                                                                                     |
| N                   | Valid       | 63                                                                                        |
|                     | Missing     | 129                                                                                       |

|                                 |                    |      |
|---------------------------------|--------------------|------|
| Central Tendency and Dispersion | Mean               | 1.00 |
|                                 | Standard Deviation | .000 |
|                                 | Percentile 25      | 1.00 |
|                                 | Percentile 50      | 1.00 |
|                                 | Percentile 75      | 1.00 |

### a2kq01\_3

| Value                           |                    |                                                                                                                 |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 360                                                                                                             |
|                                 | Label              | A2: Current examples of human enhancement-Use of medicine to combat naturally-contracted or -inherited diseases |
|                                 | Type               | Numeric                                                                                                         |
|                                 | Format             | F8                                                                                                              |
|                                 | Measurement        | Scale                                                                                                           |
| N                               | Valid              | 74                                                                                                              |
|                                 | Missing            | 118                                                                                                             |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                            |
|                                 | Standard Deviation | .000                                                                                                            |
|                                 | Percentile 25      | 1.00                                                                                                            |
|                                 | Percentile 50      | 1.00                                                                                                            |
|                                 | Percentile 75      | 1.00                                                                                                            |

### a2kq01\_4

| Value                           |                    |                                                                                                                     |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 361                                                                                                                 |
|                                 | Label              | A2: Current examples of human enhancement-Use of prosthetic devices to improve how people look (e.g., burn victims) |
|                                 | Type               | Numeric                                                                                                             |
|                                 | Format             | F8                                                                                                                  |
|                                 | Measurement        | Scale                                                                                                               |
| N                               | Valid              | 67                                                                                                                  |
|                                 | Missing            | 125                                                                                                                 |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                |
|                                 | Standard Deviation | .000                                                                                                                |
|                                 | Percentile 25      | 1.00                                                                                                                |
|                                 | Percentile 50      | 1.00                                                                                                                |
|                                 | Percentile 75      | 1.00                                                                                                                |

### a2kq01\_5

| Value                           |                    |                                                                                      |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 362                                                                                  |
|                                 | Label              | A2: Current examples of human enhancement-Plastic surgery to improve how people look |
|                                 | Type               | Numeric                                                                              |
|                                 | Format             | F8                                                                                   |
|                                 | Measurement        | Scale                                                                                |
| N                               | Valid              | 62                                                                                   |
|                                 | Missing            | 130                                                                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                 |
|                                 | Standard Deviation | .000                                                                                 |
|                                 | Percentile 25      | 1.00                                                                                 |
|                                 | Percentile 50      | 1.00                                                                                 |

|               |      |
|---------------|------|
| Percentile 75 | 1.00 |
|---------------|------|

### a2kq01\_6

|                                 |                    | Value                                                       |
|---------------------------------|--------------------|-------------------------------------------------------------|
| Standard Attributes             | Position           | 363                                                         |
|                                 | Label              | A2: Current examples of human enhancement-None of the above |
|                                 | Type               | Numeric                                                     |
|                                 | Format             | F8                                                          |
|                                 | Measurement        | Scale                                                       |
| N                               | Valid              | 1                                                           |
|                                 | Missing            | 191                                                         |
| Central Tendency and Dispersion | Mean               | 1.00                                                        |
|                                 | Standard Deviation | .                                                           |
|                                 | Percentile 25      | 1.00                                                        |
|                                 | Percentile 50      | 1.00                                                        |
|                                 | Percentile 75      | 1.00                                                        |

### a2kq02\_1

|                                 |                    | Value                                                             |
|---------------------------------|--------------------|-------------------------------------------------------------------|
| Standard Attributes             | Position           | 364                                                               |
|                                 | Label              | A2: Current NG R&D-Use of nano-sequencing to map the human genome |
|                                 | Type               | Numeric                                                           |
|                                 | Format             | F8                                                                |
|                                 | Measurement        | Scale                                                             |
| N                               | Valid              | 59                                                                |
|                                 | Missing            | 133                                                               |
| Central Tendency and Dispersion | Mean               | 1.00                                                              |
|                                 | Standard Deviation | .000                                                              |
|                                 | Percentile 25      | 1.00                                                              |
|                                 | Percentile 50      | 1.00                                                              |
|                                 | Percentile 75      | 1.00                                                              |

### a2kq02\_2

|                                 |                    | Value                                                                   |
|---------------------------------|--------------------|-------------------------------------------------------------------------|
| Standard Attributes             | Position           | 365                                                                     |
|                                 | Label              | A2: Current NG R&D-Development of better genetic engineering procedures |
|                                 | Type               | Numeric                                                                 |
|                                 | Format             | F8                                                                      |
|                                 | Measurement        | Scale                                                                   |
| N                               | Valid              | 65                                                                      |
|                                 | Missing            | 127                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                    |
|                                 | Standard Deviation | .000                                                                    |
|                                 | Percentile 25      | 1.00                                                                    |
|                                 | Percentile 50      | 1.00                                                                    |
|                                 | Percentile 75      | 1.00                                                                    |

### a2kq02\_3

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 366   |

|                                 |                    |                                                                                         |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------|
|                                 | Label              | A2: Current NG R&D-<br>Adapting biological<br>transmodification for<br>medical delivery |
|                                 | Type               | Numeric                                                                                 |
|                                 | Format             | F8                                                                                      |
|                                 | Measurement        | Scale                                                                                   |
| N                               | Valid              | 46                                                                                      |
|                                 | Missing            | 146                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                    |
|                                 | Standard Deviation | .000                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                    |

#### a2kq02\_4

|                                 |                    |                                                                              |
|---------------------------------|--------------------|------------------------------------------------------------------------------|
|                                 |                    | Value                                                                        |
| Standard Attributes             | Position           | 367                                                                          |
|                                 | Label              | A2: Current NG R&D-<br>Synthesizing<br>biochemical reactions<br>more quickly |
|                                 | Type               | Numeric                                                                      |
|                                 | Format             | F8                                                                           |
|                                 | Measurement        | Scale                                                                        |
| N                               | Valid              | 50                                                                           |
|                                 | Missing            | 142                                                                          |
| Central Tendency and Dispersion | Mean               | 1.00                                                                         |
|                                 | Standard Deviation | .000                                                                         |
|                                 | Percentile 25      | 1.00                                                                         |
|                                 | Percentile 50      | 1.00                                                                         |
|                                 | Percentile 75      | 1.00                                                                         |

#### a2kq02\_5

|                                 |                    |                                                                                                                      |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                                |
| Standard Attributes             | Position           | 368                                                                                                                  |
|                                 | Label              | A2: Current NG R&D-<br>Development of<br>simplified genetic<br>code capable of<br>supporting nanobot<br>reproduction |
|                                 | Type               | Numeric                                                                                                              |
|                                 | Format             | F8                                                                                                                   |
|                                 | Measurement        | Scale                                                                                                                |
| N                               | Valid              | 38                                                                                                                   |
|                                 | Missing            | 154                                                                                                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                 |
|                                 | Standard Deviation | .000                                                                                                                 |
|                                 | Percentile 25      | 1.00                                                                                                                 |
|                                 | Percentile 50      | 1.00                                                                                                                 |
|                                 | Percentile 75      | 1.00                                                                                                                 |

#### a2kq02\_6

|                                 |             |                                          |
|---------------------------------|-------------|------------------------------------------|
|                                 |             | Value                                    |
| Standard Attributes             | Position    | 369                                      |
|                                 | Label       | A2: Current NG R&D-<br>None of the above |
|                                 | Type        | Numeric                                  |
|                                 | Format      | F8                                       |
|                                 | Measurement | Scale                                    |
| N                               | Valid       | 2                                        |
|                                 | Missing     | 190                                      |
| Central Tendency and Dispersion | Mean        | 1.00                                     |

|                    |      |
|--------------------|------|
| Standard Deviation | .000 |
| Percentile 25      | 1.00 |
| Percentile 50      | 1.00 |
| Percentile 75      | 1.00 |

### a2kq03

|                                 |                    | Value                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------|-------|---------|
| Standard Attributes             | Position           | 370                           |       |         |
|                                 | Label              | A2: What does RNAi stand for? |       |         |
|                                 | Type               | Numeric                       |       |         |
|                                 | Format             | F8                            |       |         |
|                                 | Measurement        | Scale                         |       |         |
| N                               | Valid              | 89                            |       |         |
|                                 | Missing            | 103                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.13                          |       |         |
|                                 | Standard Deviation | .956                          |       |         |
|                                 | Percentile 25      | 1.00                          |       |         |
|                                 | Percentile 50      | 2.00                          |       |         |
|                                 | Percentile 75      | 3.00                          |       |         |
| Labeled Values                  | 1                  | RNA interference              | 29    | 15.1%   |
|                                 | 2                  | RNA interceptor               | 25    | 13.0%   |
|                                 | 3                  | RNA integration               | 29    | 15.1%   |
|                                 | 4                  | RNA inception                 | 6     | 3.1%    |

### a2kq04

|                                 |                    | Value                                               | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 371                                                 |       |         |
|                                 | Label              | A2: For what purpose are DNA scaffolds manufactured |       |         |
|                                 | Type               | Numeric                                             |       |         |
|                                 | Format             | F8                                                  |       |         |
|                                 | Measurement        | Scale                                               |       |         |
| N                               | Valid              | 89                                                  |       |         |
|                                 | Missing            | 103                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.45                                                |       |         |
|                                 | Standard Deviation | .584                                                |       |         |
|                                 | Percentile 25      | 2.00                                                |       |         |
|                                 | Percentile 50      | 2.00                                                |       |         |
|                                 | Percentile 75      | 3.00                                                |       |         |
| Labeled Values                  | 1                  | Making computer chips                               | 1     | 0.5%    |
|                                 | 2                  | Making new organisms                                | 50    | 26.0%   |
|                                 | 3                  | Making nanobots                                     | 35    | 18.2%   |
|                                 | 4                  | Making new buildings                                | 3     | 1.6%    |

### a2kq05

|                                 |                    | Value                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 372                                                                                                                       |       |         |
|                                 | Label              | A2: What was the U. S. eugenics movement                                                                                  |       |         |
|                                 | Type               | Numeric                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                     |       |         |
| N                               | Valid              | 93                                                                                                                        |       |         |
|                                 | Missing            | 99                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.11                                                                                                                      |       |         |
|                                 | Standard Deviation | .787                                                                                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                      |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                      |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                      |       |         |
| Labeled Values                  | 1                  | The movement in the early Twentieth Century supporting the sterilization of humans with undesirable traits                | 18    | 9.4%    |
|                                 | 2                  | The movement in the late Twentieth Century to map the human genome                                                        | 53    | 27.6%   |
|                                 | 3                  | A movement by geneticists to use a new methods involving the compound uracil, first discovered in the Nineteenth Century. | 16    | 8.3%    |
|                                 | 4                  | There was no United States eugenics movement                                                                              | 6     | 3.1%    |

**a2kq06**

|                                 |                    | Value                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 373                                                         |       |         |
|                                 | Label              | A2: What do some ppl say is 1. prob with encouraging NG R&D |       |         |
|                                 | Type               | Numeric                                                     |       |         |
|                                 | Format             | F8                                                          |       |         |
|                                 | Measurement        | Scale                                                       |       |         |
| N                               | Valid              | 95                                                          |       |         |
|                                 | Missing            | 97                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.19                                                        |       |         |
|                                 | Standard Deviation | 1.307                                                       |       |         |
|                                 | Percentile 25      | 1.00                                                        |       |         |
|                                 | Percentile 50      | 1.00                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                        |       |         |
| Labeled Values                  | 1                  | People have different opinions about what a disease is.     | 49    | 25.5%   |

|  |   |                                                                   |    |       |
|--|---|-------------------------------------------------------------------|----|-------|
|  | 2 | We already know that diseases can not be cured with nanogenomics. | 3  | 1.6%  |
|  | 3 | Present cures for diseases are cheaper.                           | 19 | 9.9%  |
|  | 4 | Nanobots can only cure some diseases, but not all.                | 24 | 12.5% |

### Q250\_1

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 374                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 122.2598           |
|                                 | Standard Deviation | 1188.62510         |
|                                 | Percentile 25      | 11.2330            |
|                                 | Percentile 50      | 19.5190            |
|                                 | Percentile 75      | 31.0400            |

### Q250\_2

| Value                           |                    |                   |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 375               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 181               |
|                                 | Missing            | 11                |
| Central Tendency and Dispersion | Mean               | 210.5655          |
|                                 | Standard Deviation | 1213.31923        |
|                                 | Percentile 25      | 49.5510           |
|                                 | Percentile 50      | 71.5960           |
|                                 | Percentile 75      | 111.8130          |

### Q250\_3

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 376                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 391.1465           |
|                                 | Standard Deviation | 3581.13498         |
|                                 | Percentile 25      | 52.3790            |
|                                 | Percentile 50      | 74.3300            |
|                                 | Percentile 75      | 113.7970           |

### Q250\_4

| Value               |          |                    |
|---------------------|----------|--------------------|
| Standard Attributes | Position | 377                |
|                     | Label    | Timing-Click Count |

|                                 |                    |         |
|---------------------------------|--------------------|---------|
|                                 | Type               | Numeric |
|                                 | Format             | F8.2    |
|                                 | Measurement        | Scale   |
| N                               | Valid              | 181     |
|                                 | Missing            | 11      |
| Central Tendency and Dispersion | Mean               | 8.2707  |
|                                 | Standard Deviation | 5.80504 |
|                                 | Percentile 25      | 5.0000  |
|                                 | Percentile 50      | 7.0000  |
|                                 | Percentile 75      | 10.0000 |

## Q212

|                                 |                    |                                                                                                         |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                   |
| Standard Attributes             | Position           | 378                                                                                                     |
|                                 | Label              | In the next pages you will be asked to think about ELSI (ethical, legal and social issues) in an are... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 181                                                                                                     |
|                                 | Missing            | 11                                                                                                      |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                                    |

## a2BGdI

|                                 |                    |                                    |       |         |
|---------------------------------|--------------------|------------------------------------|-------|---------|
|                                 |                    | Value                              | Count | Percent |
| Standard Attributes             | Position           | 379                                |       |         |
|                                 | Label              | A2: DL BGDoc, save it and read it? |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 181                                |       |         |
|                                 | Missing            | 11                                 |       |         |
| Central Tendency and Dispersion | Mean               | 1.01                               |       |         |
|                                 | Standard Deviation | .105                               |       |         |
|                                 | Percentile 25      | 1.00                               |       |         |
|                                 | Percentile 50      | 1.00                               |       |         |
|                                 | Percentile 75      | 1.00                               |       |         |
| Labeled Values                  | 1                  | Yes                                | 179   | 93.2%   |
|                                 | 2                  | No                                 | 2     | 1.0%    |

## Q218

|                     |          |                                                                                                         |
|---------------------|----------|---------------------------------------------------------------------------------------------------------|
|                     |          | Value                                                                                                   |
| Standard Attributes | Position | 380                                                                                                     |
|                     | Label    | Please do not continue with this assignment until you have downloaded and read the background docume... |

|                                 |                    |         |
|---------------------------------|--------------------|---------|
|                                 | Type               | Numeric |
|                                 | Format             | F8      |
|                                 | Measurement        | Scale   |
| N                               | Valid              | 181     |
|                                 | Missing            | 11      |
| Central Tendency and Dispersion | Mean               | 1.00    |
|                                 | Standard Deviation | .000    |
|                                 | Percentile 25      | 1.00    |
|                                 | Percentile 50      | 1.00    |
|                                 | Percentile 75      | 1.00    |

### Q220\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 381                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 51.3815            |
|                                 | Standard Deviation | 215.54848          |
|                                 | Percentile 25      | 8.3870             |
|                                 | Percentile 50      | 16.4320            |
|                                 | Percentile 75      | 28.0020            |

### Q220\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 382               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 181               |
|                                 | Missing            | 11                |
| Central Tendency and Dispersion | Mean               | 2530.5354         |
|                                 | Standard Deviation | 14560.13827       |
|                                 | Percentile 25      | 51.8860           |
|                                 | Percentile 50      | 346.6520          |
|                                 | Percentile 75      | 962.4600          |

### Q220\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 383                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 181                |
|                                 | Missing            | 11                 |
| Central Tendency and Dispersion | Mean               | 2874.9639          |
|                                 | Standard Deviation | 15188.96087        |
|                                 | Percentile 25      | 71.2070            |
|                                 | Percentile 50      | 424.9170           |
|                                 | Percentile 75      | 1040.0940          |

### Q220\_4

|                     |          |                    |
|---------------------|----------|--------------------|
|                     |          | Value              |
| Standard Attributes | Position | 384                |
|                     | Label    | Timing-Click Count |

|                                 |                    |         |
|---------------------------------|--------------------|---------|
|                                 | Type               | Numeric |
|                                 | Format             | F8.2    |
|                                 | Measurement        | Scale   |
| N                               | Valid              | 181     |
|                                 | Missing            | 11      |
| Central Tendency and Dispersion | Mean               | 3.4199  |
|                                 | Standard Deviation | 6.25925 |
|                                 | Percentile 25      | 2.0000  |
|                                 | Percentile 50      | 2.0000  |
|                                 | Percentile 75      | 3.0000  |

### Q247

|                                 |                    |                                 |
|---------------------------------|--------------------|---------------------------------|
|                                 |                    | Value                           |
| Standard Attributes             | Position           | 385                             |
|                                 | Label              | -----<br>-----<br>-----<br>_... |
|                                 | Type               | Numeric                         |
|                                 | Format             | F8                              |
|                                 | Measurement        | Scale                           |
|                                 |                    |                                 |
| N                               | Valid              | 56                              |
|                                 | Missing            | 136                             |
| Central Tendency and Dispersion | Mean               | 1.00                            |
|                                 | Standard Deviation | .000                            |
|                                 | Percentile 25      | 1.00                            |
|                                 | Percentile 50      | 1.00                            |
|                                 | Percentile 75      | 1.00                            |

### Q249

|                                 |                    |                                                                                                         |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                   |
| Standard Attributes             | Position           | 386                                                                                                     |
|                                 | Label              | As noted in the background document that you just read, at the end of this assignment you will be as... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
|                                 |                    |                                                                                                         |
| N                               | Valid              | 56                                                                                                      |
|                                 | Missing            | 136                                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                                    |

### Q261\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 387                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 56                 |
|                                 | Missing            | 136                |
| Central Tendency and Dispersion | Mean               | 892.5791           |
|                                 | Standard Deviation | 5181.24915         |
|                                 | Percentile 25      | 20.3915            |
|                                 | Percentile 50      | 44.1645            |
|                                 | Percentile 75      | 112.6875           |

**Q261\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 388               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 56                |
|                                 | Missing            | 136               |
| Central Tendency and Dispersion | Mean               | 2613.1517         |
|                                 | Standard Deviation | 9888.54671        |
|                                 | Percentile 25      | 234.3580          |
|                                 | Percentile 50      | 419.6620          |
|                                 | Percentile 75      | 791.8225          |

**Q261\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 389                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 56                 |
|                                 | Missing            | 136                |
| Central Tendency and Dispersion | Mean               | 2682.6881          |
|                                 | Standard Deviation | 9893.28539         |
|                                 | Percentile 25      | 311.2910           |
|                                 | Percentile 50      | 461.8495           |
|                                 | Percentile 75      | 824.8095           |

**Q261\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 390                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 56                 |
|                                 | Missing            | 136                |
| Central Tendency and Dispersion | Mean               | 11.9107            |
|                                 | Standard Deviation | 13.73155           |
|                                 | Percentile 25      | 5.0000             |
|                                 | Percentile 50      | 8.5000             |
|                                 | Percentile 75      | 15.0000            |

**a2FB06\_1\_1**

|                     |          | Value                                                                                                                                                 | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 391                                                                                                                                                   |       |         |
|                     | Label    | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?- Nanotechnology, what's that?! This is a video introduction to nanotechnology. |       |         |
|                     | Type     | Numeric                                                                                                                                               |       |         |

|                                 |                    |                        |    |       |
|---------------------------------|--------------------|------------------------|----|-------|
|                                 | Format             | F8                     |    |       |
|                                 | Measurement        | Scale                  |    |       |
| N                               | Valid              | 56                     |    |       |
|                                 | Missing            | 136                    |    |       |
| Central Tendency and Dispersion | Mean               | 2.89                   |    |       |
|                                 | Standard Deviation | 1.216                  |    |       |
|                                 | Percentile 25      | 2.00                   |    |       |
|                                 | Percentile 50      | 3.00                   |    |       |
|                                 | Percentile 75      | 4.00                   |    |       |
| Labeled Values                  | 1                  | Yes, but only slightly | 13 | 6.8%  |
|                                 | 2                  | Yes, some of it        | 5  | 2.6%  |
|                                 | 3                  | Yes, most of it        | 13 | 6.8%  |
|                                 | 4                  | Yes, ALL of it         | 25 | 13.0% |

### a2FB06\_1\_2

|                                 |                    | Value                                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 392                                                                                                                                                         |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?- Nanotechnology takes off This is a video introduction to nanotechnology in general. |       |         |
|                                 | Type               | Numeric                                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                                             |       |         |
| N                               | Valid              | 56                                                                                                                                                          |       |         |
|                                 | Missing            | 136                                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.52                                                                                                                                                        |       |         |
|                                 | Standard Deviation | 1.079                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Yes, but only slightly                                                                                                                                      | 13    | 6.8%    |
|                                 | 2                  | Yes, some of it                                                                                                                                             | 13    | 6.8%    |
|                                 | 3                  | Yes, most of it                                                                                                                                             | 18    | 9.4%    |
|                                 | 4                  | Yes, ALL of it                                                                                                                                              | 12    | 6.3%    |

### a2FB06\_1\_3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 393   |       |         |

|                                 |                    |                                                                                                                                                                                                          |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?-Nanotech Now: Your Gateway to Everything Nanotech This is a large website with a huge amount of information about nanotechnology. |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                  |    |       |
|                                 | Format             | F8                                                                                                                                                                                                       |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                    |    |       |
| N                               | Valid              | 56                                                                                                                                                                                                       |    |       |
|                                 | Missing            | 136                                                                                                                                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 1.80                                                                                                                                                                                                     |    |       |
|                                 | Standard Deviation | .773                                                                                                                                                                                                     |    |       |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                     |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                     |    |       |
|                                 | Percentile 75      | 2.00                                                                                                                                                                                                     |    |       |
| Labeled Values                  | 1                  | Yes, but only slightly                                                                                                                                                                                   | 22 | 11.5% |
|                                 | 2                  | Yes, some of it                                                                                                                                                                                          | 24 | 12.5% |
|                                 | 3                  | Yes, most of it                                                                                                                                                                                          | 9  | 4.7%  |
|                                 | 4                  | Yes, ALL of it                                                                                                                                                                                           | 1  | 0.5%  |

#### a2FB06\_1\_4

|                                 |                    | Value                                                                                                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 394                                                                                                                                                                                                            |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?-To Upgrade is HumanThis is the TED video that you saw in recitation--if you saw it in recitation you can rate it without re-watching it |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                                                                                                |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                             |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.43                                                                                                                                                                                                           |       |         |
|                                 | Standard Deviation | .988                                                                                                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                           |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Yes, but only slightly                                                                                                                                                                                         | 6     | 3.1%    |
|                                 | 2                  | Yes, some of it                                                                                                                                                                                                | 2     | 1.0%    |
|                                 | 3                  | Yes, most of it                                                                                                                                                                                                | 10    | 5.2%    |
|                                 | 4                  | Yes, ALL of it                                                                                                                                                                                                 | 38    | 19.8%   |

**a2FB06\_1\_5**

|                                 |                    | Value                                                                                                                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 395                                                                                                                                                                                                                                                               |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?-National Nanotechnology InitiativeThis site is an example of how the government is trying to get "input" from people about future research, development, and regulation of nanotechnology. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                                                                                                                   |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                                                                                |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.05                                                                                                                                                                                                                                                              |       |         |
|                                 | Standard Deviation | .903                                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Yes, but only slightly                                                                                                                                                                                                                                            | 18    | 9.4%    |
|                                 | 2                  | Yes, some of it                                                                                                                                                                                                                                                   | 20    | 10.4%   |
|                                 | 3                  | Yes, most of it                                                                                                                                                                                                                                                   | 15    | 7.8%    |
|                                 | 4                  | Yes, ALL of it                                                                                                                                                                                                                                                    | 3     | 1.6%    |

**a2FB06\_1\_6**

|                                 |                    | Value                                                                                                                                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 396                                                                                                                                                                                                                                                |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?-Deepening Dialogue: Debating Nanotechnology&#39;s Responsible DevelopmentThis video shows and example of citizens discussing the responsible development of nanotechnology. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                                                                                                                                    |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                                                                 |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.43                                                                                                                                                                                                                                               |       |         |
|                                 | Standard Deviation | 1.059                                                                                                                                                                                                                                              |       |         |

|                |               |                        |    |      |
|----------------|---------------|------------------------|----|------|
|                | Percentile 25 | 2.00                   |    |      |
|                | Percentile 50 | 2.00                   |    |      |
|                | Percentile 75 | 3.00                   |    |      |
| Labeled Values | 1             | Yes, but only slightly | 13 | 6.8% |
|                | 2             | Yes, some of it        | 17 | 8.9% |
|                | 3             | Yes, most of it        | 15 | 7.8% |
|                | 4             | Yes, ALL of it         | 11 | 5.7% |

#### a2FB06\_1\_7

|                                 |                    | Value                                                                                                                                                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 397                                                                                                                                                                                                                                                                        |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?- Understanding Nanotechnology: Ethics and TechnologyThis website not only overviews ethics and nanotechnology, it also provides links to numerous others who are working on ethics and nano issues. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                      |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                                                                                         |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.21                                                                                                                                                                                                                                                                       |       |         |
|                                 | Standard Deviation | 1.039                                                                                                                                                                                                                                                                      |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                                       |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Yes, but only slightly                                                                                                                                                                                                                                                     | 17    | 8.9%    |
|                                 | 2                  | Yes, some of it                                                                                                                                                                                                                                                            | 18    | 9.4%    |
|                                 | 3                  | Yes, most of it                                                                                                                                                                                                                                                            | 13    | 6.8%    |
|                                 | 4                  | Yes, ALL of it                                                                                                                                                                                                                                                             | 8     | 4.2%    |

#### a2FB06\_1\_8

|                     |          | Value                                                                                                                                                                                                                 | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 398                                                                                                                                                                                                                   |       |         |
|                     | Label    | A2: Feedback: Add'l Resource Eval : Did you read / view this resource?-Human Enhancement and NanotechnologyThis is a very short text giving an overview of issues pertaining to human enhancement and nanotechnology. |       |         |
|                     | Type     | Numeric                                                                                                                                                                                                               |       |         |
|                     | Format   | F8                                                                                                                                                                                                                    |       |         |
|                     |          |                                                                                                                                                                                                                       |       |         |

|                                 |                    |                        |    |      |
|---------------------------------|--------------------|------------------------|----|------|
|                                 | Measurement        | Scale                  |    |      |
| N                               | Valid              | 56                     |    |      |
|                                 | Missing            | 136                    |    |      |
| Central Tendency and Dispersion | Mean               | 2.73                   |    |      |
|                                 | Standard Deviation | 1.152                  |    |      |
|                                 | Percentile 25      | 2.00                   |    |      |
|                                 | Percentile 50      | 3.00                   |    |      |
|                                 | Percentile 75      | 4.00                   |    |      |
| Labeled Values                  | 1                  | Yes, but only slightly | 12 | 6.3% |
|                                 | 2                  | Yes, some of it        | 10 | 5.2% |
|                                 | 3                  | Yes, most of it        | 15 | 7.8% |
|                                 | 4                  | Yes, ALL of it         | 19 | 9.9% |

#### a2FB06\_2\_1

|                                 |                    | Value                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 399                                                                                                              |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?- Nanotechnology, what's that?! |       |         |
|                                 | Type               | Numeric                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                            |       |         |
|                                 |                    |                                                                                                                  |       |         |
| N                               | Valid              | 56                                                                                                               |       |         |
|                                 | Missing            | 136                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.57                                                                                                             |       |         |
|                                 | Standard Deviation | .735                                                                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                                                                             |       |         |
|                                 | Percentile 50      | 4.00                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                             |       |         |
| Labeled Values                  | 1                  | Ick. Get rid of it.                                                                                              | 0     | 0.0%    |
|                                 | 2                  | It's So-So, Ho-Hum                                                                                               | 4     | 2.1%    |
|                                 | 3                  | It's OK                                                                                                          | 20    | 10.4%   |
|                                 | 4                  | It's Pretty Good                                                                                                 | 28    | 14.6%   |
|                                 | 5                  | It's GREAT! Definitely keep it!                                                                                  | 4     | 2.1%    |

#### a2FB06\_2\_2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 400   |       |         |

|                                 |                    |                                                                                                                                                                       |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?-Nanotechnology takes off This is a video introduction to nanotechnology in general. |    |       |
|                                 | Type               | Numeric                                                                                                                                                               |    |       |
|                                 | Format             | F8                                                                                                                                                                    |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                 |    |       |
| N                               | Valid              | 56                                                                                                                                                                    |    |       |
|                                 | Missing            | 136                                                                                                                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.59                                                                                                                                                                  |    |       |
|                                 | Standard Deviation | 1.023                                                                                                                                                                 |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                                                  |    |       |
|                                 | Percentile 50      | 3.50                                                                                                                                                                  |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                  |    |       |
| Labeled Values                  | 1                  | Ick. Get rid of it.                                                                                                                                                   | 1  | 0.5%  |
|                                 | 2                  | It's So-So, Ho-Hum                                                                                                                                                    | 6  | 3.1%  |
|                                 | 3                  | It's OK                                                                                                                                                               | 21 | 10.9% |
|                                 | 4                  | It's Pretty Good                                                                                                                                                      | 15 | 7.8%  |
|                                 | 5                  | It's GREAT! Definitely keep it!                                                                                                                                       | 13 | 6.8%  |

### a2FB06\_2\_3

|                                 |                    | Value                                                                                                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 401                                                                                                                                                                                                                 |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?-Nanotech Now: Your Gateway to Everything Nanotech This is a large website with a huge amount of information about nanotechnology. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                                                                                                     |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                                  |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                                                                                                                                |       |         |
|                                 | Standard Deviation | 1.086                                                                                                                                                                                                               |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                |       |         |
| Labeled Values                  | 1                  | Ick. Get rid of it.                                                                                                                                                                                                 | 6     | 3.1%    |
|                                 | 2                  | It's So-So, Ho-Hum                                                                                                                                                                                                  | 12    | 6.3%    |
|                                 | 3                  | It's OK                                                                                                                                                                                                             | 21    | 10.9%   |
|                                 | 4                  | It's Pretty Good                                                                                                                                                                                                    | 13    | 6.8%    |

|   |                                 |   |      |
|---|---------------------------------|---|------|
| 5 | It's GREAT! Definitely keep it! | 4 | 2.1% |
|---|---------------------------------|---|------|

#### a2FB06\_2\_4

|                                 |                    | Value                                                                                                                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 402                                                                                                                                                                                                                       |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?-To Upgrade is HumanThis is the TED video that you saw in recitation--if you saw it in recitation you can rate it without re-watching it |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                     |       |         |
|                                 |                    |                                                                                                                                                                                                                           |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                                        |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.89                                                                                                                                                                                                                      |       |         |
|                                 | Standard Deviation | .908                                                                                                                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                      |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Ick. Get rid of it.                                                                                                                                                                                                       | 0     | 0.0%    |
|                                 | 2                  | It's So-So, Ho-Hum                                                                                                                                                                                                        | 5     | 2.6%    |
|                                 | 3                  | It's OK                                                                                                                                                                                                                   | 11    | 5.7%    |
|                                 | 4                  | It's Pretty Good                                                                                                                                                                                                          | 25    | 13.0%   |
|                                 | 5                  | It's GREAT! Definitely keep it!                                                                                                                                                                                           | 15    | 7.8%    |

#### a2FB06\_2\_5

|                     |             | Value                                                                                                                                                                                                                                                                        | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 403                                                                                                                                                                                                                                                                          |       |         |
|                     | Label       | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?-National Nanotechnology InitiativeThis site is an example of how the government is trying to get "input" from people about future research, development, and regulation of nanotechnology. |       |         |
|                     | Type        | Numeric                                                                                                                                                                                                                                                                      |       |         |
|                     | Format      | F8                                                                                                                                                                                                                                                                           |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                                                                                        |       |         |
|                     |             |                                                                                                                                                                                                                                                                              |       |         |
| N                   | Valid       | 56                                                                                                                                                                                                                                                                           |       |         |

|                                 |                    |                                 |    |       |
|---------------------------------|--------------------|---------------------------------|----|-------|
|                                 | Missing            | 136                             |    |       |
| Central Tendency and Dispersion | Mean               | 3.32                            |    |       |
|                                 | Standard Deviation | .876                            |    |       |
|                                 | Percentile 25      | 3.00                            |    |       |
|                                 | Percentile 50      | 3.00                            |    |       |
|                                 | Percentile 75      | 4.00                            |    |       |
| Labeled Values                  | 1                  | Ick. Get rid of it.             | 2  | 1.0%  |
|                                 | 2                  | It's So-So, Ho-Hum              | 6  | 3.1%  |
|                                 | 3                  | It's OK                         | 23 | 12.0% |
|                                 | 4                  | It's Pretty Good                | 22 | 11.5% |
|                                 | 5                  | It's GREAT! Definitely keep it! | 3  | 1.6%  |

#### a2FB06\_2\_6

|                                 |                    | Value                                                                                                                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 404                                                                                                                                                                                                                                                           |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?-Deepening Dialogue: Debating Nanotechnology&#39;s Responsible DevelopmentThis video shows and example of citizens discussing the responsible development of nanotechnology. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                         |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                                                                            |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                                                                                                                                                                                                                                          |       |         |
|                                 | Standard Deviation | .971                                                                                                                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Ick. Get rid of it.                                                                                                                                                                                                                                           | 2     | 1.0%    |
|                                 | 2                  | It's So-So, Ho-Hum                                                                                                                                                                                                                                            | 9     | 4.7%    |
|                                 | 3                  | It's OK                                                                                                                                                                                                                                                       | 20    | 10.4%   |
|                                 | 4                  | It's Pretty Good                                                                                                                                                                                                                                              | 20    | 10.4%   |
|                                 | 5                  | It's GREAT! Definitely keep it!                                                                                                                                                                                                                               | 5     | 2.6%    |

#### a2FB06\_2\_7

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 405   |       |         |

|                                 |                    |                                                                                                                                                                                                                                                                                       |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?- Understanding Nanotechnology: Ethics and TechnologyThis website not only overviews ethics and nanotechnology, it also provides links to numerous others who are working on ethics and nano issues. |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                               |    |       |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                    |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                 |    |       |
| N                               | Valid              | 56                                                                                                                                                                                                                                                                                    |    |       |
|                                 | Missing            | 136                                                                                                                                                                                                                                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.43                                                                                                                                                                                                                                                                                  |    |       |
|                                 | Standard Deviation | .951                                                                                                                                                                                                                                                                                  |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                                                                                  |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                                                  |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                                                  |    |       |
| Labeled Values                  | 1                  | Ick. Get rid of it.                                                                                                                                                                                                                                                                   | 3  | 1.6%  |
|                                 | 2                  | It's So-So, Ho-Hum                                                                                                                                                                                                                                                                    | 3  | 1.6%  |
|                                 | 3                  | It's OK                                                                                                                                                                                                                                                                               | 23 | 12.0% |
|                                 | 4                  | It's Pretty Good                                                                                                                                                                                                                                                                      | 21 | 10.9% |
|                                 | 5                  | It's GREAT! Definitely keep it!                                                                                                                                                                                                                                                       | 6  | 3.1%  |

#### a2FB06\_2\_8

|                                 |                    | Value                                                                                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 406                                                                                                                                                                                                                              |       |         |
|                                 | Label              | A2: Feedback: Add'l Resource Eval : Overall, what did you think of this resource?-Human Enhancement and NanotechnologyThis is a very short text giving an overview of issues pertaining to human enhancement and nanotechnology. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                                                                                  |       |         |
| N                               | Valid              | 56                                                                                                                                                                                                                               |       |         |
|                                 | Missing            | 136                                                                                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.50                                                                                                                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.044                                                                                                                                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                             |       |         |

|                |   |                                 |    |       |
|----------------|---|---------------------------------|----|-------|
| Labeled Values | 1 | Ick. Get rid of it.             | 3  | 1.6%  |
|                | 2 | It's So-So, Ho-Hum              | 5  | 2.6%  |
|                | 3 | It's OK                         | 18 | 9.4%  |
|                | 4 | It's Pretty Good                | 21 | 10.9% |
|                | 5 | It's GREAT! Definitely keep it! | 9  | 4.7%  |

### Q267

| Value                           |                    |                                                                |
|---------------------------------|--------------------|----------------------------------------------------------------|
| Standard Attributes             | Position           | 407                                                            |
|                                 | Label              | Finally, write three statements to finish the sentences below: |
|                                 | Type               | Numeric                                                        |
|                                 | Format             | F8                                                             |
|                                 | Measurement        | Scale                                                          |
| N                               | Valid              | 56                                                             |
|                                 | Missing            | 136                                                            |
| Central Tendency and Dispersion | Mean               | 1.00                                                           |
|                                 | Standard Deviation | .000                                                           |
|                                 | Percentile 25      | 1.00                                                           |
|                                 | Percentile 50      | 1.00                                                           |
|                                 | Percentile 75      | 1.00                                                           |

### Q275\_1

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 408                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 56                 |
|                                 | Missing            | 136                |
| Central Tendency and Dispersion | Mean               | 40.4599            |
|                                 | Standard Deviation | 68.54891           |
|                                 | Percentile 25      | 14.9295            |
|                                 | Percentile 50      | 26.8705            |
|                                 | Percentile 75      | 42.2350            |

### Q275\_2

| Value                           |                    |                   |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 409               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 56                |
|                                 | Missing            | 136               |
| Central Tendency and Dispersion | Mean               | 1272.0284         |
|                                 | Standard Deviation | 3301.31850        |
|                                 | Percentile 25      | 264.5865          |
|                                 | Percentile 50      | 462.8850          |
|                                 | Percentile 75      | 1177.2650         |

### Q275\_3

| Value               |          |                    |
|---------------------|----------|--------------------|
| Standard Attributes | Position | 410                |
|                     | Label    | Timing-Page Submit |
|                     | Type     | Numeric            |
|                     | Format   | F8.2               |

|                                 |                    |            |
|---------------------------------|--------------------|------------|
|                                 | Measurement        | Scale      |
| N                               | Valid              | 56         |
|                                 | Missing            | 136        |
| Central Tendency and Dispersion | Mean               | 1323.1350  |
|                                 | Standard Deviation | 3298.58297 |
|                                 | Percentile 25      | 295.2725   |
|                                 | Percentile 50      | 526.2665   |
|                                 | Percentile 75      | 1214.7800  |

#### Q275\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 411                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 56                 |
|                                 | Missing            | 136                |
| Central Tendency and Dispersion | Mean               | 31.5536            |
|                                 | Standard Deviation | 12.11448           |
|                                 | Percentile 25      | 24.5000            |
|                                 | Percentile 50      | 29.5000            |
|                                 | Percentile 75      | 34.0000            |

#### Q101

|                                 |                    |                                         |
|---------------------------------|--------------------|-----------------------------------------|
|                                 |                    | Value                                   |
| Standard Attributes             | Position           | 412                                     |
|                                 | Label              | -----<br>-----<br>-----<br>-----<br>... |
|                                 | Type               | Numeric                                 |
|                                 | Format             | F8                                      |
|                                 | Measurement        | Scale                                   |
| N                               | Valid              | 65                                      |
|                                 | Missing            | 127                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                    |
|                                 | Standard Deviation | .000                                    |
|                                 | Percentile 25      | 1.00                                    |
|                                 | Percentile 50      | 1.00                                    |
|                                 | Percentile 75      | 1.00                                    |

#### Q315\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 413                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 65                 |
|                                 | Missing            | 127                |
| Central Tendency and Dispersion | Mean               | 11.7977            |
|                                 | Standard Deviation | 50.31743           |
|                                 | Percentile 25      | .0000              |
|                                 | Percentile 50      | .0000              |
|                                 | Percentile 75      | .0000              |

#### Q315\_2

|                     |          |       |
|---------------------|----------|-------|
|                     |          | Value |
| Standard Attributes | Position | 414   |

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 65                |
|                                 | Missing            | 127               |
| Central Tendency and Dispersion | Mean               | 17.2584           |
|                                 | Standard Deviation | 66.98578          |
|                                 | Percentile 25      | .0000             |
|                                 | Percentile 50      | .0000             |
|                                 | Percentile 75      | .0000             |

### Q315\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 415                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 65                 |
|                                 | Missing            | 127                |
| Central Tendency and Dispersion | Mean               | 103.7686           |
|                                 | Standard Deviation | 265.47559          |
|                                 | Percentile 25      | 12.4020            |
|                                 | Percentile 50      | 20.0310            |
|                                 | Percentile 75      | 33.1070            |

### Q315\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 416                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 65                 |
|                                 | Missing            | 127                |
| Central Tendency and Dispersion | Mean               | 1.0000             |
|                                 | Standard Deviation | 3.22587            |
|                                 | Percentile 25      | .0000              |
|                                 | Percentile 50      | .0000              |
|                                 | Percentile 75      | .0000              |

### Q314

|                                 |                    |                                      |
|---------------------------------|--------------------|--------------------------------------|
|                                 |                    | Value                                |
| Standard Attributes             | Position           | 417                                  |
|                                 | Label              | -----<br>-----<br>-----<br>-----,... |
|                                 | Type               | Numeric                              |
|                                 | Format             | F8                                   |
|                                 | Measurement        | Scale                                |
| N                               | Valid              | 64                                   |
|                                 | Missing            | 128                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                 |
|                                 | Standard Deviation | .000                                 |
|                                 | Percentile 25      | 1.00                                 |
|                                 | Percentile 50      | 1.00                                 |
|                                 | Percentile 75      | 1.00                                 |

|                                 |                    | Value                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 418                                                                                                                              |       |         |
|                                 | Label              | A2: Info Org: Benefits<br>: To what extent do you AGREE MORE with the "benefit" claim versus the "opposing response"?-Benefit 1: |       |         |
|                                 | Type               | Numeric                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                  |       |         |
| N                               | Valid              | 61                                                                                                                               |       |         |
|                                 | Missing            | 131                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 1.92                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.053                                                                                                                            |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                             |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                             |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Benefit claim strongly                                                                                                           | 26    | 13.5%   |
|                                 | 2                  | Benefit claim somewhat                                                                                                           | 22    | 11.5%   |
|                                 | 3                  | Neither /Both                                                                                                                    | 7     | 3.6%    |
|                                 | 4                  | Opposing response somewhat                                                                                                       | 4     | 2.1%    |
|                                 | 5                  | Opposing response strongly                                                                                                       | 2     | 1.0%    |

### a2IObens\_1\_2

|                                 |                    | Value                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 419                                                                                                                              |       |         |
|                                 | Label              | A2: Info Org: Benefits<br>: To what extent do you AGREE MORE with the "benefit" claim versus the "opposing response"?-Benefit 2: |       |         |
|                                 | Type               | Numeric                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                  |       |         |
| N                               | Valid              | 60                                                                                                                               |       |         |
|                                 | Missing            | 132                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.75                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.385                                                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                             |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Benefit claim strongly                                                                                                           | 12    | 6.3%    |
|                                 | 2                  | Benefit claim somewhat                                                                                                           | 20    | 10.4%   |
|                                 | 3                  | Neither /Both                                                                                                                    | 9     | 4.7%    |
|                                 | 4                  | Opposing response somewhat                                                                                                       | 9     | 4.7%    |
|                                 | 5                  | Opposing response strongly                                                                                                       | 10    | 5.2%    |

### a2IObens\_1\_3

|                                 |                    | Value                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 420                                                                                                                                             |       |         |
|                                 | Label              | A2: Info Org: Benefits<br>: To what extent do<br>you AGREE MORE<br>with the "benefit"<br>claim versus the<br>"opposing<br>response"?-Benefit 3: |       |         |
|                                 | Type               | Numeric                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                 |       |         |
| N                               | Valid              | 49                                                                                                                                              |       |         |
|                                 | Missing            | 143                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.98                                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.331                                                                                                                                           |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Benefit claim strongly                                                                                                                          | 9     | 4.7%    |
|                                 | 2                  | Benefit claim<br>somewhat                                                                                                                       | 10    | 5.2%    |
|                                 | 3                  | Neither /Both                                                                                                                                   | 9     | 4.7%    |
|                                 | 4                  | Opposing response<br>somewhat                                                                                                                   | 15    | 7.8%    |
|                                 | 5                  | Opposing response<br>strongly                                                                                                                   | 6     | 3.1%    |

### a2IObens\_1\_4

|                                 |                    | Value                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 421                                                                                                                                             |       |         |
|                                 | Label              | A2: Info Org: Benefits<br>: To what extent do<br>you AGREE MORE<br>with the "benefit"<br>claim versus the<br>"opposing<br>response"?-Benefit 4: |       |         |
|                                 | Type               | Numeric                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                 |       |         |
| N                               | Valid              | 36                                                                                                                                              |       |         |
|                                 | Missing            | 156                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.72                                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.210                                                                                                                                           |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                            |       |         |
|                                 | Percentile 50      | 2.50                                                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Benefit claim strongly                                                                                                                          | 6     | 3.1%    |
|                                 | 2                  | Benefit claim<br>somewhat                                                                                                                       | 12    | 6.3%    |

|  |   |                            |    |      |
|--|---|----------------------------|----|------|
|  | 3 | Neither /Both              | 6  | 3.1% |
|  | 4 | Opposing response somewhat | 10 | 5.2% |
|  | 5 | Opposing response strongly | 2  | 1.0% |

#### a2IObens\_1\_5

|                                 |                    | Value                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 422                                                                                                                           |       |         |
|                                 | Label              | A2: Info Org: Benefits : To what extent do you AGREE MORE with the "benefit" claim versus the "opposing response"?-Benefit 5: |       |         |
|                                 | Type               | Numeric                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                         |       |         |
|                                 |                    |                                                                                                                               |       |         |
| N                               | Valid              | 24                                                                                                                            |       |         |
|                                 | Missing            | 168                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.79                                                                                                                          |       |         |
|                                 | Standard Deviation | 1.179                                                                                                                         |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Benefit claim strongly                                                                                                        | 4     | 2.1%    |
|                                 | 2                  | Benefit claim somewhat                                                                                                        | 6     | 3.1%    |
|                                 | 3                  | Neither /Both                                                                                                                 | 6     | 3.1%    |
|                                 | 4                  | Opposing response somewhat                                                                                                    | 7     | 3.6%    |
|                                 | 5                  | Opposing response strongly                                                                                                    | 1     | 0.5%    |

#### a2IObens\_1\_6

|                                 |                    | Value                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 423                                                                                                                           |       |         |
|                                 | Label              | A2: Info Org: Benefits : To what extent do you AGREE MORE with the "benefit" claim versus the "opposing response"?-Benefit 6: |       |         |
|                                 | Type               | Numeric                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                         |       |         |
|                                 |                    |                                                                                                                               |       |         |
| N                               | Valid              | 15                                                                                                                            |       |         |
|                                 | Missing            | 177                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.07                                                                                                                          |       |         |
|                                 | Standard Deviation | 1.580                                                                                                                         |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                          |       |         |

|                |               |                            |   |      |
|----------------|---------------|----------------------------|---|------|
|                | Percentile 75 | 4.00                       |   |      |
| Labeled Values | 1             | Benefit claim strongly     | 4 | 2.1% |
|                | 2             | Benefit claim somewhat     | 2 | 1.0% |
|                | 3             | Neither /Both              | 1 | 0.5% |
|                | 4             | Opposing response somewhat | 5 | 2.6% |
|                | 5             | Opposing response strongly | 3 | 1.6% |

#### a2IObens\_1\_7

|                                 |                    | Value                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 424                                                                                                                           |       |         |
|                                 | Label              | A2: Info Org: Benefits : To what extent do you AGREE MORE with the "benefit" claim versus the "opposing response"?-Benefit 7: |       |         |
|                                 | Type               | Numeric                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                         |       |         |
|                                 |                    |                                                                                                                               |       |         |
| N                               | Valid              | 9                                                                                                                             |       |         |
|                                 | Missing            | 183                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.11                                                                                                                          |       |         |
|                                 | Standard Deviation | 1.364                                                                                                                         |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                          |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Benefit claim strongly                                                                                                        | 0     | 0.0%    |
|                                 | 2                  | Benefit claim somewhat                                                                                                        | 5     | 2.6%    |
|                                 | 3                  | Neither /Both                                                                                                                 | 0     | 0.0%    |
|                                 | 4                  | Opposing response somewhat                                                                                                    | 2     | 1.0%    |
|                                 | 5                  | Opposing response strongly                                                                                                    | 2     | 1.0%    |

#### a2IObens\_1\_8

|                                 |             | Value                                                                                                                         | Count | Percent |
|---------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 425                                                                                                                           |       |         |
|                                 | Label       | A2: Info Org: Benefits : To what extent do you AGREE MORE with the "benefit" claim versus the "opposing response"?-Benefit 8: |       |         |
|                                 | Type        | Numeric                                                                                                                       |       |         |
|                                 | Format      | F8                                                                                                                            |       |         |
|                                 | Measurement | Scale                                                                                                                         |       |         |
|                                 |             |                                                                                                                               |       |         |
| N                               | Valid       | 6                                                                                                                             |       |         |
|                                 | Missing     | 186                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean        | 3.17                                                                                                                          |       |         |

|                |                    |                            |   |      |
|----------------|--------------------|----------------------------|---|------|
|                | Standard Deviation | 1.169                      |   |      |
|                | Percentile 25      | 2.00                       |   |      |
|                | Percentile 50      | 3.00                       |   |      |
|                | Percentile 75      | 4.00                       |   |      |
| Labeled Values | 1                  | Benefit claim strongly     | 0 | 0.0% |
|                | 2                  | Benefit claim somewhat     | 2 | 1.0% |
|                | 3                  | Neither /Both              | 2 | 1.0% |
|                | 4                  | Opposing response somewhat | 1 | 0.5% |
|                | 5                  | Opposing response strongly | 1 | 0.5% |

### a2IOrisks\_1\_1

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 426                                                                                                                     |       |         |
|                                 | Label              | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 1: |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
|                                 |                    |                                                                                                                         |       |         |
| N                               | Valid              | 59                                                                                                                      |       |         |
|                                 | Missing            | 133                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.47                                                                                                                    |       |         |
|                                 | Standard Deviation | 1.223                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Risk claim strongly                                                                                                     | 14    | 7.3%    |
|                                 | 2                  | Risk claim somewhat                                                                                                     | 22    | 11.5%   |
|                                 | 3                  | Neigher/Both                                                                                                            | 7     | 3.6%    |
|                                 | 4                  | Opposing response somewhat                                                                                              | 13    | 6.8%    |
|                                 | 5                  | Opposing response strongly                                                                                              | 3     | 1.6%    |

### a2IOrisks\_1\_2

|                     |             | Value                                                                                                                   | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 427                                                                                                                     |       |         |
|                     | Label       | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 2: |       |         |
|                     | Type        | Numeric                                                                                                                 |       |         |
|                     | Format      | F8                                                                                                                      |       |         |
|                     | Measurement | Scale                                                                                                                   |       |         |
|                     |             |                                                                                                                         |       |         |
| N                   | Valid       | 51                                                                                                                      |       |         |
|                     | Missing     | 141                                                                                                                     |       |         |

|                                 |                    |                            |    |       |
|---------------------------------|--------------------|----------------------------|----|-------|
| Central Tendency and Dispersion | Mean               | 2.33                       |    |       |
|                                 | Standard Deviation | 1.108                      |    |       |
|                                 | Percentile 25      | 2.00                       |    |       |
|                                 | Percentile 50      | 2.00                       |    |       |
|                                 | Percentile 75      | 3.00                       |    |       |
| Labeled Values                  | 1                  | Risk claim strongly        | 11 | 5.7%  |
|                                 | 2                  | Risk claim somewhat        | 23 | 12.0% |
|                                 | 3                  | Neigher/Both               | 9  | 4.7%  |
|                                 | 4                  | Opposing response somewhat | 5  | 2.6%  |
|                                 | 5                  | Opposing response strongly | 3  | 1.6%  |

### a2IOrisks\_1\_3

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 428                                                                                                                     |       |         |
|                                 | Label              | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 3: |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
| N                               | Valid              | 40                                                                                                                      |       |         |
|                                 | Missing            | 152                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.18                                                                                                                    |       |         |
|                                 | Standard Deviation | 1.035                                                                                                                   |       |         |
|                                 | Percentile 25      | 1.50                                                                                                                    |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 2.50                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Risk claim strongly                                                                                                     | 10    | 5.2%    |
|                                 | 2                  | Risk claim somewhat                                                                                                     | 20    | 10.4%   |
|                                 | 3                  | Neigher/Both                                                                                                            | 4     | 2.1%    |
|                                 | 4                  | Opposing response somewhat                                                                                              | 5     | 2.6%    |
|                                 | 5                  | Opposing response strongly                                                                                              | 1     | 0.5%    |

### a2IOrisks\_1\_4

|                     |             | Value                                                                                                                   | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 429                                                                                                                     |       |         |
|                     | Label       | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 4: |       |         |
|                     | Type        | Numeric                                                                                                                 |       |         |
|                     | Format      | F8                                                                                                                      |       |         |
|                     | Measurement | Scale                                                                                                                   |       |         |
| N                   | Valid       | 25                                                                                                                      |       |         |

|                                 |                    |                            |       |      |  |
|---------------------------------|--------------------|----------------------------|-------|------|--|
|                                 | Missing            |                            | 167   |      |  |
| Central Tendency and Dispersion | Mean               |                            | 2.24  |      |  |
|                                 | Standard Deviation |                            | 1.200 |      |  |
|                                 | Percentile 25      |                            | 1.00  |      |  |
|                                 | Percentile 50      |                            | 2.00  |      |  |
|                                 | Percentile 75      |                            | 3.00  |      |  |
| Labeled Values                  | 1                  | Risk claim strongly        | 8     | 4.2% |  |
|                                 | 2                  | Risk claim somewhat        | 8     | 4.2% |  |
|                                 | 3                  | Neigher/Both               | 6     | 3.1% |  |
|                                 | 4                  | Opposing response somewhat | 1     | 0.5% |  |
|                                 | 5                  | Opposing response strongly | 2     | 1.0% |  |

#### a2IOrisks\_1\_5

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 430                                                                                                                     |       |         |
|                                 | Label              | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 5: |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
|                                 |                    |                                                                                                                         |       |         |
| N                               | Valid              | 14                                                                                                                      |       |         |
|                                 | Missing            | 178                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.21                                                                                                                    |       |         |
|                                 | Standard Deviation | 1.188                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Risk claim strongly                                                                                                     | 1     | 0.5%    |
|                                 | 2                  | Risk claim somewhat                                                                                                     | 3     | 1.6%    |
|                                 | 3                  | Neigher/Both                                                                                                            | 4     | 2.1%    |
|                                 | 4                  | Opposing response somewhat                                                                                              | 4     | 2.1%    |
|                                 | 5                  | Opposing response strongly                                                                                              | 2     | 1.0%    |

#### a2IOrisks\_1\_6

|                     |             | Value                                                                                                                   | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 431                                                                                                                     |       |         |
|                     | Label       | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 6: |       |         |
|                     | Type        | Numeric                                                                                                                 |       |         |
|                     | Format      | F8                                                                                                                      |       |         |
|                     | Measurement | Scale                                                                                                                   |       |         |
|                     |             |                                                                                                                         |       |         |

|                                 |                    |                            |   |      |
|---------------------------------|--------------------|----------------------------|---|------|
| N                               | Valid              | 9                          |   |      |
|                                 | Missing            | 183                        |   |      |
| Central Tendency and Dispersion | Mean               | 2.89                       |   |      |
|                                 | Standard Deviation | 1.537                      |   |      |
|                                 | Percentile 25      | 2.00                       |   |      |
|                                 | Percentile 50      | 3.00                       |   |      |
|                                 | Percentile 75      | 4.00                       |   |      |
| Labeled Values                  | 1                  | Risk claim strongly        | 2 | 1.0% |
|                                 | 2                  | Risk claim somewhat        | 2 | 1.0% |
|                                 | 3                  | Neigher/Both               | 2 | 1.0% |
|                                 | 4                  | Opposing response somewhat | 1 | 0.5% |
|                                 | 5                  | Opposing response strongly | 2 | 1.0% |

#### a2IOrisks\_1\_7

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 432                                                                                                                     |       |         |
|                                 | Label              | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 7: |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
|                                 |                    |                                                                                                                         |       |         |
| N                               | Valid              | 6                                                                                                                       |       |         |
|                                 | Missing            | 186                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.50                                                                                                                    |       |         |
|                                 | Standard Deviation | 1.378                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Risk claim strongly                                                                                                     | 1     | 0.5%    |
|                                 | 2                  | Risk claim somewhat                                                                                                     | 3     | 1.6%    |
|                                 | 3                  | Neigher/Both                                                                                                            | 1     | 0.5%    |
|                                 | 4                  | Opposing response somewhat                                                                                              | 0     | 0.0%    |
|                                 | 5                  | Opposing response strongly                                                                                              | 1     | 0.5%    |

#### a2IOrisks\_1\_8

|                     |          | Value                                                                                                                   | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 433                                                                                                                     |       |         |
|                     | Label    | A2: Info org: Risks :<br>To what extent do you AGREE MORE with the "risk" claim versus the "opposing response"?-Risk 8: |       |         |
|                     | Type     | Numeric                                                                                                                 |       |         |
|                     | Format   | F8                                                                                                                      |       |         |
|                     |          |                                                                                                                         |       |         |

|                                 | Measurement        | Scale                      |   |      |
|---------------------------------|--------------------|----------------------------|---|------|
| N                               | Valid              | 6                          |   |      |
|                                 | Missing            | 186                        |   |      |
| Central Tendency and Dispersion | Mean               | 2.33                       |   |      |
|                                 | Standard Deviation | 1.633                      |   |      |
|                                 | Percentile 25      | 1.00                       |   |      |
|                                 | Percentile 50      | 2.00                       |   |      |
|                                 | Percentile 75      | 3.00                       |   |      |
| Labeled Values                  | 1                  | Risk claim strongly        | 3 | 1.6% |
|                                 | 2                  | Risk claim somewhat        | 0 | 0.0% |
|                                 | 3                  | Neigher/Both               | 2 | 1.0% |
|                                 | 4                  | Opposing response somewhat | 0 | 0.0% |
|                                 | 5                  | Opposing response strongly | 1 | 0.5% |

### Q255\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 434                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 64                 |
|                                 | Missing            | 128                |
| Central Tendency and Dispersion | Mean               | 371.0838           |
|                                 | Standard Deviation | 1930.74760         |
|                                 | Percentile 25      | 15.3840            |
|                                 | Percentile 50      | 41.5185            |
|                                 | Percentile 75      | 126.2685           |

### Q255\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 435               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 64                |
|                                 | Missing            | 128               |
| Central Tendency and Dispersion | Mean               | 3084.9040         |
|                                 | Standard Deviation | 10023.02412       |
|                                 | Percentile 25      | 400.1050          |
|                                 | Percentile 50      | 756.5080          |
|                                 | Percentile 75      | 1456.6400         |

### Q255\_3

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 436                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 64                 |
|                                 | Missing            | 128                |
| Central Tendency and Dispersion | Mean               | 3525.4077          |
|                                 | Standard Deviation | 10412.42229        |
|                                 | Percentile 25      | 428.0360           |

|  |               |           |
|--|---------------|-----------|
|  | Percentile 50 | 849.5855  |
|  | Percentile 75 | 1540.5425 |

#### Q255\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 437                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 64                 |
|                                 | Missing            | 128                |
| Central Tendency and Dispersion | Mean               | 38.4531            |
|                                 | Standard Deviation | 37.10043           |
|                                 | Percentile 25      | 19.0000            |
|                                 | Percentile 50      | 28.0000            |
|                                 | Percentile 75      | 48.5000            |

#### Q109

|                                 |                    | Value                                   |
|---------------------------------|--------------------|-----------------------------------------|
| Standard Attributes             | Position           | 438                                     |
|                                 | Label              | -----<br>-----<br>-----<br>-----<br>... |
|                                 | Type               | Numeric                                 |
|                                 | Format             | F8                                      |
|                                 | Measurement        | Scale                                   |
| N                               | Valid              | 64                                      |
|                                 | Missing            | 128                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                    |
|                                 | Standard Deviation | .000                                    |
|                                 | Percentile 25      | 1.00                                    |
|                                 | Percentile 50      | 1.00                                    |
|                                 | Percentile 75      | 1.00                                    |

#### a2IOproreg\_1\_1

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 439                                                                                                                                    |       |         |
|                                 | Label              | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 1: |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
| N                               | Valid              | 60                                                                                                                                     |       |         |
|                                 | Missing            | 132                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.23                                                                                                                                   |       |         |
|                                 | Standard Deviation | 1.095                                                                                                                                  |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                   |       |         |

|                |   |                            |    |       |
|----------------|---|----------------------------|----|-------|
| Labeled Values | 1 | Pro claim strongly         | 17 | 8.9%  |
|                | 2 | Pro claim somewhat         | 23 | 12.0% |
|                | 3 | Neigher/Both               | 11 | 5.7%  |
|                | 4 | Opposing response somewhat | 7  | 3.6%  |
|                | 5 | Opposing response strongly | 2  | 1.0%  |

### a2IOProreg\_1\_2

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 440                                                                                                                                    |       |         |
|                                 | Label              | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 2: |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 44                                                                                                                                     |       |         |
|                                 | Missing            | 148                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.64                                                                                                                                   |       |         |
|                                 | Standard Deviation | 1.183                                                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Pro claim strongly                                                                                                                     | 7     | 3.6%    |
|                                 | 2                  | Pro claim somewhat                                                                                                                     | 17    | 8.9%    |
|                                 | 3                  | Neigher/Both                                                                                                                           | 8     | 4.2%    |
|                                 | 4                  | Opposing response somewhat                                                                                                             | 9     | 4.7%    |
|                                 | 5                  | Opposing response strongly                                                                                                             | 3     | 1.6%    |

### a2IOProreg\_1\_3

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 441                                                                                                                                    |       |         |
|                                 | Label              | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 3: |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 23                                                                                                                                     |       |         |
|                                 | Missing            | 169                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.57                                                                                                                                   |       |         |
|                                 | Standard Deviation | .788                                                                                                                                   |       |         |

|                |               |                            |    |      |
|----------------|---------------|----------------------------|----|------|
|                | Percentile 25 | 2.00                       |    |      |
|                | Percentile 50 | 2.00                       |    |      |
|                | Percentile 75 | 3.00                       |    |      |
| Labeled Values | 1             | Pro claim strongly         | 1  | 0.5% |
|                | 2             | Pro claim somewhat         | 11 | 5.7% |
|                | 3             | Neigher/Both               | 8  | 4.2% |
|                | 4             | Opposing response somewhat | 3  | 1.6% |
|                | 5             | Opposing response strongly | 0  | 0.0% |

#### a2IOproreg\_1\_4

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 442                                                                                                                                    |       |         |
|                                 | Label              | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 4: |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 9                                                                                                                                      |       |         |
|                                 | Missing            | 183                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.33                                                                                                                                   |       |         |
|                                 | Standard Deviation | 1.118                                                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Pro claim strongly                                                                                                                     | 2     | 1.0%    |
|                                 | 2                  | Pro claim somewhat                                                                                                                     | 4     | 2.1%    |
|                                 | 3                  | Neigher/Both                                                                                                                           | 1     | 0.5%    |
|                                 | 4                  | Opposing response somewhat                                                                                                             | 2     | 1.0%    |
|                                 | 5                  | Opposing response strongly                                                                                                             | 0     | 0.0%    |

#### a2IOproreg\_1\_5

|                     |             | Value                                                                                                                                  | Count | Percent |
|---------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 443                                                                                                                                    |       |         |
|                     | Label       | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 5: |       |         |
|                     | Type        | Numeric                                                                                                                                |       |         |
|                     | Format      | F8                                                                                                                                     |       |         |
|                     | Measurement | Scale                                                                                                                                  |       |         |
|                     |             |                                                                                                                                        |       |         |
| N                   | Valid       | 4                                                                                                                                      |       |         |

|                                 |                    |                            |      |  |      |
|---------------------------------|--------------------|----------------------------|------|--|------|
|                                 | Missing            |                            | 188  |  |      |
| Central Tendency and Dispersion | Mean               |                            | 2.75 |  |      |
|                                 | Standard Deviation |                            | .957 |  |      |
|                                 | Percentile 25      |                            | 2.00 |  |      |
|                                 | Percentile 50      |                            | 2.50 |  |      |
|                                 | Percentile 75      |                            | 3.50 |  |      |
| Labeled Values                  | 1                  | Pro claim strongly         | 0    |  | 0.0% |
|                                 | 2                  | Pro claim somewhat         | 2    |  | 1.0% |
|                                 | 3                  | Neigher/Both               | 1    |  | 0.5% |
|                                 | 4                  | Opposing response somewhat | 1    |  | 0.5% |
|                                 | 5                  | Opposing response strongly | 0    |  | 0.0% |

#### a2IOproreg\_1\_6

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 444                                                                                                                                    |       |         |
|                                 | Label              | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 6: |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 2                                                                                                                                      |       |         |
|                                 | Missing            | 190                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.50                                                                                                                                   |       |         |
|                                 | Standard Deviation | .707                                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 2.50                                                                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Pro claim strongly                                                                                                                     | 0     | 0.0%    |
|                                 | 2                  | Pro claim somewhat                                                                                                                     | 1     | 0.5%    |
|                                 | 3                  | Neigher/Both                                                                                                                           | 1     | 0.5%    |
|                                 | 4                  | Opposing response somewhat                                                                                                             | 0     | 0.0%    |
|                                 | 5                  | Opposing response strongly                                                                                                             | 0     | 0.0%    |

#### a2IOproreg\_1\_7

|                     |          | Value                                                                                                                                  | Count | Percent |
|---------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 445                                                                                                                                    |       |         |
|                     | Label    | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 7: |       |         |
|                     | Type     | Numeric                                                                                                                                |       |         |

|                                 |                    |                            |   |      |
|---------------------------------|--------------------|----------------------------|---|------|
|                                 | Format             | F8                         |   |      |
|                                 | Measurement        | Scale                      |   |      |
| N                               | Valid              | 1                          |   |      |
|                                 | Missing            | 191                        |   |      |
| Central Tendency and Dispersion | Mean               | 3.00                       |   |      |
|                                 | Standard Deviation | .                          |   |      |
|                                 | Percentile 25      | 3.00                       |   |      |
|                                 | Percentile 50      | 3.00                       |   |      |
|                                 | Percentile 75      | 3.00                       |   |      |
| Labeled Values                  | 1                  | Pro claim strongly         | 0 | 0.0% |
|                                 | 2                  | Pro claim somewhat         | 0 | 0.0% |
|                                 | 3                  | Neigher/Both               | 1 | 0.5% |
|                                 | 4                  | Opposing response somewhat | 0 | 0.0% |
|                                 | 5                  | Opposing response strongly | 0 | 0.0% |

### a2lOproreg\_1\_8

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 446                                                                                                                                    |       |         |
|                                 | Label              | A2: Info org: Pro-regulation : To what extent do you AGREE MORE with the "pro-regulation" claim versus the "opposing response"?-Pro 8: |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 1                                                                                                                                      |       |         |
|                                 | Missing            | 191                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.00                                                                                                                                   |       |         |
|                                 | Standard Deviation | .                                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Pro claim strongly                                                                                                                     | 0     | 0.0%    |
|                                 | 2                  | Pro claim somewhat                                                                                                                     | 0     | 0.0%    |
|                                 | 3                  | Neigher/Both                                                                                                                           | 1     | 0.5%    |
|                                 | 4                  | Opposing response somewhat                                                                                                             | 0     | 0.0%    |
|                                 | 5                  | Opposing response strongly                                                                                                             | 0     | 0.0%    |

### a2lOantire\_1\_1

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 447   |       |         |

|                                 |                    |                                                                                                                                       |    |      |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 1: |    |      |
|                                 | Type               | Numeric                                                                                                                               |    |      |
|                                 | Format             | F8                                                                                                                                    |    |      |
|                                 | Measurement        | Scale                                                                                                                                 |    |      |
| N                               | Valid              | 56                                                                                                                                    |    |      |
|                                 | Missing            | 136                                                                                                                                   |    |      |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                                                                  |    |      |
|                                 | Standard Deviation | 1.182                                                                                                                                 |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                  |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                                  |    |      |
|                                 | Percentile 75      | 4.00                                                                                                                                  |    |      |
| Labeled Values                  | 1                  | Anti claim strongly                                                                                                                   | 4  | 2.1% |
|                                 | 2                  | Anti claim somewhat                                                                                                                   | 14 | 7.3% |
|                                 | 3                  | Neigher/Both                                                                                                                          | 13 | 6.8% |
|                                 | 4                  | Opposing response somewhat                                                                                                            | 17 | 8.9% |
|                                 | 5                  | Opposing response strongly                                                                                                            | 8  | 4.2% |

#### a2IOantire\_1\_2

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 448                                                                                                                                   |       |         |
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 2: |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 31                                                                                                                                    |       |         |
|                                 | Missing            | 161                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 2.81                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.078                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Anti claim strongly                                                                                                                   | 3     | 1.6%    |
|                                 | 2                  | Anti claim somewhat                                                                                                                   | 11    | 5.7%    |
|                                 | 3                  | Neigher/Both                                                                                                                          | 7     | 3.6%    |
|                                 | 4                  | Opposing response somewhat                                                                                                            | 9     | 4.7%    |
|                                 | 5                  | Opposing response strongly                                                                                                            | 1     | 0.5%    |

### a2IOantire\_1\_3

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 449                                                                                                                                   |       |         |
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 3: |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 15                                                                                                                                    |       |         |
|                                 | Missing            | 177                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 2.80                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.082                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Anti claim strongly                                                                                                                   | 2     | 1.0%    |
|                                 | 2                  | Anti claim somewhat                                                                                                                   | 4     | 2.1%    |
|                                 | 3                  | Neigher/Both                                                                                                                          | 4     | 2.1%    |
|                                 | 4                  | Opposing response somewhat                                                                                                            | 5     | 2.6%    |
|                                 | 5                  | Opposing response strongly                                                                                                            | 0     | 0.0%    |

### a2IOantire\_1\_4

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 450                                                                                                                                   |       |         |
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 4: |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 6                                                                                                                                     |       |         |
|                                 | Missing            | 186                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 2.83                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.472                                                                                                                                 |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.50                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Anti claim strongly                                                                                                                   | 2     | 1.0%    |
|                                 | 2                  | Anti claim somewhat                                                                                                                   | 0     | 0.0%    |
|                                 | 3                  | Neigher/Both                                                                                                                          | 1     | 0.5%    |
|                                 | 4                  | Opposing response somewhat                                                                                                            | 3     | 1.6%    |

|   |                            |   |      |
|---|----------------------------|---|------|
| 5 | Opposing response strongly | 0 | 0.0% |
|---|----------------------------|---|------|

#### a2IOantire\_1\_5

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 451                                                                                                                                   |       |         |
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 5: |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 1                                                                                                                                     |       |         |
|                                 | Missing            | 191                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.00                                                                                                                                  |       |         |
|                                 | Standard Deviation | .                                                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                  |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Anti claim strongly                                                                                                                   | 0     | 0.0%    |
|                                 | 2                  | Anti claim somewhat                                                                                                                   | 0     | 0.0%    |
|                                 | 3                  | Neigher/Both                                                                                                                          | 1     | 0.5%    |
|                                 | 4                  | Opposing response somewhat                                                                                                            | 0     | 0.0%    |
|                                 | 5                  | Opposing response strongly                                                                                                            | 0     | 0.0%    |

#### a2IOantire\_1\_6

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 452                                                                                                                                   |       |         |
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 6: |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 0                                                                                                                                     |       |         |
|                                 | Missing            | 192                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | .                                                                                                                                     |       |         |
|                                 | Standard Deviation | .                                                                                                                                     |       |         |
|                                 | Percentile 25      | .                                                                                                                                     |       |         |
|                                 | Percentile 50      | .                                                                                                                                     |       |         |
|                                 | Percentile 75      | .                                                                                                                                     |       |         |

|                |   |                            |   |      |
|----------------|---|----------------------------|---|------|
| Labeled Values | 1 | Anti claim strongly        | 0 | 0.0% |
|                | 2 | Anti claim somewhat        | 0 | 0.0% |
|                | 3 | Neigher/Both               | 0 | 0.0% |
|                | 4 | Opposing response somewhat | 0 | 0.0% |
|                | 5 | Opposing response strongly | 0 | 0.0% |

#### a2IOantire\_1\_7

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 453                                                                                                                                   |       |         |
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 7: |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 0                                                                                                                                     |       |         |
|                                 | Missing            | 192                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | .                                                                                                                                     |       |         |
|                                 | Standard Deviation | .                                                                                                                                     |       |         |
|                                 | Percentile 25      | .                                                                                                                                     |       |         |
|                                 | Percentile 50      | .                                                                                                                                     |       |         |
|                                 | Percentile 75      | .                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Anti claim strongly                                                                                                                   | 0     | 0.0%    |
|                                 | 2                  | Anti claim somewhat                                                                                                                   | 0     | 0.0%    |
|                                 | 3                  | Neigher/Both                                                                                                                          | 0     | 0.0%    |
|                                 | 4                  | Opposing response somewhat                                                                                                            | 0     | 0.0%    |
|                                 | 5                  | Opposing response strongly                                                                                                            | 0     | 0.0%    |

#### a2IOantire\_1\_8

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 454                                                                                                                                   |       |         |
|                                 | Label              | A2: Info org: Anti-regulation : To what extent do you AGREE MORE with the "anti-regulation" claim or the "opposing response"?-Anti 8: |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 0                                                                                                                                     |       |         |
|                                 | Missing            | 192                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | .                                                                                                                                     |       |         |
|                                 | Standard Deviation | .                                                                                                                                     |       |         |

|                |               |                            |   |      |
|----------------|---------------|----------------------------|---|------|
|                | Percentile 25 | .                          |   |      |
|                | Percentile 50 | .                          |   |      |
|                | Percentile 75 | .                          |   |      |
| Labeled Values | 1             | Anti claim strongly        | 0 | 0.0% |
|                | 2             | Anti claim somewhat        | 0 | 0.0% |
|                | 3             | Neigher/Both               | 0 | 0.0% |
|                | 4             | Opposing response somewhat | 0 | 0.0% |
|                | 5             | Opposing response strongly | 0 | 0.0% |

### Q256\_1

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 455                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 63                 |
|                                 | Missing            | 129                |
| Central Tendency and Dispersion | Mean               | 45.7288            |
|                                 | Standard Deviation | 70.31167           |
|                                 | Percentile 25      | 12.6680            |
|                                 | Percentile 50      | 27.5030            |
|                                 | Percentile 75      | 49.7100            |

### Q256\_2

| Value                           |                    |                   |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 456               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 63                |
|                                 | Missing            | 129               |
| Central Tendency and Dispersion | Mean               | 467.4527          |
|                                 | Standard Deviation | 799.62546         |
|                                 | Percentile 25      | 158.8070          |
|                                 | Percentile 50      | 294.7100          |
|                                 | Percentile 75      | 547.8390          |

### Q256\_3

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 457                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 63                 |
|                                 | Missing            | 129                |
| Central Tendency and Dispersion | Mean               | 483.1115           |
|                                 | Standard Deviation | 801.61456          |
|                                 | Percentile 25      | 161.5350           |
|                                 | Percentile 50      | 307.1190           |
|                                 | Percentile 75      | 571.5720           |

### Q256\_4

| Value |  |  |
|-------|--|--|
|-------|--|--|

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 458                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 63                 |
|                                 | Missing            | 129                |
| Central Tendency and Dispersion | Mean               | 21.0000            |
|                                 | Standard Deviation | 18.84915           |
|                                 | Percentile 25      | 9.0000             |
|                                 | Percentile 50      | 17.0000            |
|                                 | Percentile 75      | 27.0000            |

### ITcond\_infoorg

|                     |             | Value                                             | Count | Percent |
|---------------------|-------------|---------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 459                                               |       |         |
|                     | Label       | Case source is<br>S2_A2_NG_info_org.<br>sav[a2io] |       |         |
|                     | Type        | Numeric                                           |       |         |
|                     | Format      | F1                                                |       |         |
|                     | Measurement | Nominal                                           |       |         |
| Valid Values        | 0           |                                                   | 116   | 60.4%   |
|                     | 1           |                                                   | 65    | 33.9%   |
| Missing Values      | System      |                                                   | 11    | 5.7%    |

### Q149

|                                 |                    | Value                               |
|---------------------------------|--------------------|-------------------------------------|
| Standard Attributes             | Position           | 460                                 |
|                                 | Label              | -----<br>-----<br>-----<br>-----... |
|                                 | Type               | Numeric                             |
|                                 | Format             | F8                                  |
|                                 | Measurement        | Scale                               |
| N                               | Valid              | 60                                  |
|                                 | Missing            | 132                                 |
| Central Tendency and Dispersion | Mean               | 1.00                                |
|                                 | Standard Deviation | .000                                |
|                                 | Percentile 25      | 1.00                                |
|                                 | Percentile 50      | 1.00                                |
|                                 | Percentile 75      | 1.00                                |

### Q146

|                                 |             | Value                                                                                                                  |
|---------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position    | 461                                                                                                                    |
|                                 | Label       | As noted in the<br>background<br>document that you<br>just read, at the end<br>of this assignment<br>you will be as... |
|                                 | Type        | Numeric                                                                                                                |
|                                 | Format      | F8                                                                                                                     |
|                                 | Measurement | Scale                                                                                                                  |
| N                               | Valid       | 60                                                                                                                     |
|                                 | Missing     | 132                                                                                                                    |
| Central Tendency and Dispersion | Mean        | 1.00                                                                                                                   |

|  |                    |      |
|--|--------------------|------|
|  | Standard Deviation | .000 |
|  | Percentile 25      | 1.00 |
|  | Percentile 50      | 1.00 |
|  | Percentile 75      | 1.00 |

### a2CT01\_1

|                                 |                    | Value                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 462                                                                            |       |         |
|                                 | Label              | A2: Crit think:<br>Example-How<br>Relevant is the<br>evidence to the<br>claim? |       |         |
|                                 | Type               | Numeric                                                                        |       |         |
|                                 | Format             | F8                                                                             |       |         |
|                                 | Measurement        | Scale                                                                          |       |         |
| N                               | Valid              | 60                                                                             |       |         |
|                                 | Missing            | 132                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.08                                                                           |       |         |
|                                 | Standard Deviation | 1.293                                                                          |       |         |
|                                 | Percentile 25      | 1.00                                                                           |       |         |
|                                 | Percentile 50      | 2.00                                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                     | 29    | 15.1%   |
|                                 | 2                  | Slightly                                                                       | 11    | 5.7%    |
|                                 | 3                  | Somewhat                                                                       | 10    | 5.2%    |
|                                 | 4                  | Quite a bit                                                                    | 6     | 3.1%    |
|                                 | 5                  | Entirely                                                                       | 4     | 2.1%    |
|                                 | 6                  | I don't know                                                                   | 0     | 0.0%    |

### a2CT01\_2

|                                 |                    | Value                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 463                                                            |       |         |
|                                 | Label              | A2: Crit think:<br>Example-How<br>Accurate is the<br>evidence? |       |         |
|                                 | Type               | Numeric                                                        |       |         |
|                                 | Format             | F8                                                             |       |         |
|                                 | Measurement        | Scale                                                          |       |         |
| N                               | Valid              | 60                                                             |       |         |
|                                 | Missing            | 132                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.37                                                           |       |         |
|                                 | Standard Deviation | 1.991                                                          |       |         |
|                                 | Percentile 25      | 1.50                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                           |       |         |
|                                 | Percentile 75      | 6.00                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                     | 15    | 7.8%    |
|                                 | 2                  | Slightly                                                       | 9     | 4.7%    |
|                                 | 3                  | Somewhat                                                       | 13    | 6.8%    |
|                                 | 4                  | Quite a bit                                                    | 3     | 1.6%    |
|                                 | 5                  | Entirely                                                       | 2     | 1.0%    |

|  |   |              |    |      |
|--|---|--------------|----|------|
|  | 6 | I don't know | 18 | 9.4% |
|--|---|--------------|----|------|

### a2CT01\_3

|                                 |                    | Value                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 464                                                    |       |         |
|                                 | Label              | A2: Crit think:<br>Example-How Typical<br>is evidence? |       |         |
|                                 | Type               | Numeric                                                |       |         |
|                                 | Format             | F8                                                     |       |         |
|                                 | Measurement        | Scale                                                  |       |         |
| N                               | Valid              | 60                                                     |       |         |
|                                 | Missing            | 132                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.62                                                   |       |         |
|                                 | Standard Deviation | 1.585                                                  |       |         |
|                                 | Percentile 25      | 1.00                                                   |       |         |
|                                 | Percentile 50      | 2.00                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                             | 19    | 9.9%    |
|                                 | 2                  | Slightly                                               | 12    | 6.3%    |
|                                 | 3                  | Somewhat                                               | 16    | 8.3%    |
|                                 | 4                  | Quite a bit                                            | 6     | 3.1%    |
|                                 | 5                  | Entirely                                               | 0     | 0.0%    |
|                                 | 6                  | I don't know                                           | 7     | 3.6%    |

### a2CT01\_4

|                                 |                    | Value                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 465                                                                                      |       |         |
|                                 | Label              | A2: Crit think:<br>Example-How<br>Sufficient is the<br>evidence to support<br>the claim? |       |         |
|                                 | Type               | Numeric                                                                                  |       |         |
|                                 | Format             | F8                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                    |       |         |
| N                               | Valid              | 60                                                                                       |       |         |
|                                 | Missing            | 132                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 1.62                                                                                     |       |         |
|                                 | Standard Deviation | 1.043                                                                                    |       |         |
|                                 | Percentile 25      | 1.00                                                                                     |       |         |
|                                 | Percentile 50      | 1.00                                                                                     |       |         |
|                                 | Percentile 75      | 2.00                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                               | 41    | 21.4%   |
|                                 | 2                  | Slightly                                                                                 | 7     | 3.6%    |
|                                 | 3                  | Somewhat                                                                                 | 7     | 3.6%    |
|                                 | 4                  | Quite a bit                                                                              | 4     | 2.1%    |
|                                 | 5                  | Entirely                                                                                 | 1     | 0.5%    |
|                                 | 6                  | I don't know                                                                             | 0     | 0.0%    |

**Q277**

|                                 |                    | Value                                                                                                  |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 466                                                                                                    |
|                                 | Label              | [[ See how (fictional) others might answer the above by clicking HERE ]] [[ Click again to hide ]].... |
|                                 | Type               | Numeric                                                                                                |
|                                 | Format             | F8                                                                                                     |
|                                 | Measurement        | Scale                                                                                                  |
| N                               | Valid              | 60                                                                                                     |
|                                 | Missing            | 132                                                                                                    |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                   |
|                                 | Standard Deviation | .000                                                                                                   |
|                                 | Percentile 25      | 1.00                                                                                                   |
|                                 | Percentile 50      | 1.00                                                                                                   |
|                                 | Percentile 75      | 1.00                                                                                                   |

**Q252\_1**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 467                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 127.5405           |
|                                 | Standard Deviation | 147.49369          |
|                                 | Percentile 25      | 30.4945            |
|                                 | Percentile 50      | 65.2465            |
|                                 | Percentile 75      | 167.9835           |

**Q252\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 468               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 60                |
|                                 | Missing            | 132               |
| Central Tendency and Dispersion | Mean               | 223.6196          |
|                                 | Standard Deviation | 214.24121         |
|                                 | Percentile 25      | 93.9550           |
|                                 | Percentile 50      | 150.7190          |
|                                 | Percentile 75      | 263.6605          |

**Q252\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 469                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 2909.1655          |
|                                 | Standard Deviation | 20641.95264        |
|                                 | Percentile 25      | 109.3665           |
|                                 | Percentile 50      | 172.4725           |
|                                 | Percentile 75      |                    |

|               |          |
|---------------|----------|
| Percentile 75 | 282.0915 |
|---------------|----------|

#### Q252\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 470                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 8.3167             |
|                                 | Standard Deviation | 7.90943            |
|                                 | Percentile 25      | 5.0000             |
|                                 | Percentile 50      | 7.0000             |
|                                 | Percentile 75      | 9.0000             |

#### Q201

|                                 |                    | Value                                |
|---------------------------------|--------------------|--------------------------------------|
| Standard Attributes             | Position           | 471                                  |
|                                 | Label              | -----<br>-----<br>-----<br>-----,... |
|                                 | Type               | Numeric                              |
|                                 | Format             | F8                                   |
|                                 | Measurement        | Scale                                |
| N                               | Valid              | 60                                   |
|                                 | Missing            | 132                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                 |
|                                 | Standard Deviation | .000                                 |
|                                 | Percentile 25      | 1.00                                 |
|                                 | Percentile 50      | 1.00                                 |
|                                 | Percentile 75      | 1.00                                 |

#### Q200

|                                 |                    | Value                                                                                                   |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 472                                                                                                     |
|                                 | Label              | Now try to apply the method to thinking about the following claim and evidence, that relates to Nano... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 60                                                                                                      |
|                                 | Missing            | 132                                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                                    |

#### a2CTsaRAT\_1

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 473   |       |         |

|                                 |                    |                                                                                                          |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A2: Crit think: Student A's Claim: We should speed up (RATs)- How Relevant is the evidence to the claim? |    |       |
|                                 | Type               | Numeric                                                                                                  |    |       |
|                                 | Format             | F8                                                                                                       |    |       |
|                                 | Measurement        | Scale                                                                                                    |    |       |
| N                               | Valid              | 60                                                                                                       |    |       |
|                                 | Missing            | 132                                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 4.25                                                                                                     |    |       |
|                                 | Standard Deviation | .876                                                                                                     |    |       |
|                                 | Percentile 25      | 4.00                                                                                                     |    |       |
|                                 | Percentile 50      | 4.00                                                                                                     |    |       |
|                                 | Percentile 75      | 5.00                                                                                                     |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                               | 1  | 0.5%  |
|                                 | 2                  | Slightly                                                                                                 | 2  | 1.0%  |
|                                 | 3                  | Somewhat                                                                                                 | 5  | 2.6%  |
|                                 | 4                  | Quite a bit                                                                                              | 25 | 13.0% |
|                                 | 5                  | Entirely                                                                                                 | 27 | 14.1% |
|                                 | 6                  | I don't know                                                                                             | 0  | 0.0%  |

**a2CTsaRAT\_2**

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 474                                                                                                     |       |         |
|                                 | Label              | A2: Crit think: Student A's Claim: We should speed up (RATs)- How Accurately is the evidence presented? |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 60                                                                                                      |       |         |
|                                 | Missing            | 132                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.78                                                                                                    |       |         |
|                                 | Standard Deviation | .922                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                              | 0     | 0.0%    |
|                                 | 2                  | Slightly                                                                                                | 5     | 2.6%    |
|                                 | 3                  | Somewhat                                                                                                | 15    | 7.8%    |
|                                 | 4                  | Quite a bit                                                                                             | 31    | 16.1%   |
|                                 | 5                  | Entirely                                                                                                | 6     | 3.1%    |
|                                 | 6                  | I don't know                                                                                            | 3     | 1.6%    |

**a2CTsaRAT\_3**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 475   |       |         |

|                                 |                    |                                                                                        |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A2: Crit think: Student A's Claim: We should speed up (RATs)- How Typical is evidence? |    |       |
|                                 | Type               | Numeric                                                                                |    |       |
|                                 | Format             | F8                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                  |    |       |
| N                               | Valid              | 60                                                                                     |    |       |
|                                 | Missing            | 132                                                                                    |    |       |
| Central Tendency and Dispersion | Mean               | 3.72                                                                                   |    |       |
|                                 | Standard Deviation | .922                                                                                   |    |       |
|                                 | Percentile 25      | 3.00                                                                                   |    |       |
|                                 | Percentile 50      | 4.00                                                                                   |    |       |
|                                 | Percentile 75      | 4.00                                                                                   |    |       |
| Labeled Values                  | 1                  | Not at all                                                                             | 1  | 0.5%  |
|                                 | 2                  | Slightly                                                                               | 1  | 0.5%  |
|                                 | 3                  | Somewhat                                                                               | 24 | 12.5% |
|                                 | 4                  | Quite a bit                                                                            | 25 | 13.0% |
|                                 | 5                  | Entirely                                                                               | 6  | 3.1%  |
|                                 | 6                  | I don't know                                                                           | 3  | 1.6%  |

**a2CTsaRAT\_4**

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 476                                                                                                                |       |         |
|                                 | Label              | A2: Crit think: Student A's Claim: We should speed up (RATs)- How Sufficient is the evidence to support the claim? |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 60                                                                                                                 |       |         |
|                                 | Missing            | 132                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                                                                               |       |         |
|                                 | Standard Deviation | 1.056                                                                                                              |       |         |
|                                 | Percentile 25      | 3.00                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 4     | 2.1%    |
|                                 | 2                  | Slightly                                                                                                           | 6     | 3.1%    |
|                                 | 3                  | Somewhat                                                                                                           | 28    | 14.6%   |
|                                 | 4                  | Quite a bit                                                                                                        | 15    | 7.8%    |
|                                 | 5                  | Entirely                                                                                                           | 6     | 3.1%    |
|                                 | 6                  | I don't know                                                                                                       | 1     | 0.5%    |

**a2CT02a**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 477   |       |         |

|                                 |                    |                                                            |    |       |
|---------------------------------|--------------------|------------------------------------------------------------|----|-------|
|                                 | Label              | A2: Crit think: Student A's Claim: We should speed (agree) |    |       |
|                                 | Type               | Numeric                                                    |    |       |
|                                 | Format             | F8                                                         |    |       |
|                                 | Measurement        | Scale                                                      |    |       |
| N                               | Valid              | 60                                                         |    |       |
|                                 | Missing            | 132                                                        |    |       |
| Central Tendency and Dispersion | Mean               | 3.55                                                       |    |       |
|                                 | Standard Deviation | .999                                                       |    |       |
|                                 | Percentile 25      | 3.00                                                       |    |       |
|                                 | Percentile 50      | 4.00                                                       |    |       |
|                                 | Percentile 75      | 4.00                                                       |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                          | 2  | 1.0%  |
|                                 | 2                  | Somewhat Disagree                                          | 7  | 3.6%  |
|                                 | 3                  | Neutral                                                    | 16 | 8.3%  |
|                                 | 4                  | Somewhat Agree                                             | 26 | 13.5% |
|                                 | 5                  | Strongly Agree                                             | 9  | 4.7%  |

#### Q140\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Value              |                    |
|                                 | Position           | 478                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 85.8505            |
|                                 | Standard Deviation | 153.50879          |
|                                 | Percentile 25      | 23.8675            |
|                                 | Percentile 50      | 39.2455            |
|                                 | Percentile 75      | 58.8365            |

#### Q140\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Value              |                   |
|                                 | Position           | 479               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 60                |
|                                 | Missing            | 132               |
| Central Tendency and Dispersion | Mean               | 1010.2130         |
|                                 | Standard Deviation | 5600.50912        |
|                                 | Percentile 25      | 109.8310          |
|                                 | Percentile 50      | 185.7215          |
|                                 | Percentile 75      | 310.2515          |

#### Q140\_3

|                     |             |                    |
|---------------------|-------------|--------------------|
| Standard Attributes | Value       |                    |
|                     | Position    | 480                |
|                     | Label       | Timing-Page Submit |
|                     | Type        | Numeric            |
|                     | Format      | F8.2               |
|                     | Measurement | Scale              |

|                                 |                    |            |
|---------------------------------|--------------------|------------|
| N                               | Valid              | 60         |
|                                 | Missing            | 132        |
| Central Tendency and Dispersion | Mean               | 1039.6047  |
|                                 | Standard Deviation | 5603.84647 |
|                                 | Percentile 25      | 115.0685   |
|                                 | Percentile 50      | 215.0875   |
|                                 | Percentile 75      | 375.9245   |

#### Q140\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 481                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 10.6833            |
|                                 | Standard Deviation | 6.41632            |
|                                 | Percentile 25      | 7.0000             |
|                                 | Percentile 50      | 8.0000             |
|                                 | Percentile 75      | 11.0000            |

#### Q157

|                                 |                    |                                      |
|---------------------------------|--------------------|--------------------------------------|
| Value                           |                    |                                      |
| Standard Attributes             | Position           | 482                                  |
|                                 | Label              | -----<br>-----<br>-----<br>-----,... |
|                                 | Type               | Numeric                              |
|                                 | Format             | F8                                   |
|                                 | Measurement        | Scale                                |
| N                               | Valid              | 60                                   |
|                                 | Missing            | 132                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                 |
|                                 | Standard Deviation | .000                                 |
|                                 | Percentile 25      | 1.00                                 |
|                                 | Percentile 50      | 1.00                                 |
|                                 | Percentile 75      | 1.00                                 |

#### a2CTc1rb

|                                 |                    |                                                              |       |         |
|---------------------------------|--------------------|--------------------------------------------------------------|-------|---------|
| Value                           |                    |                                                              | Count | Percent |
| Standard Attributes             | Position           | 483                                                          |       |         |
|                                 | Label              | A2: Crit think: Does Claim 1 support risks or benefits of NG |       |         |
|                                 | Type               | Numeric                                                      |       |         |
|                                 | Format             | F8                                                           |       |         |
|                                 | Measurement        | Scale                                                        |       |         |
| N                               | Valid              | 60                                                           |       |         |
|                                 | Missing            | 132                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.10                                                         |       |         |
|                                 | Standard Deviation | 1.559                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                         |       |         |

|                |               |                                                   |    |      |
|----------------|---------------|---------------------------------------------------|----|------|
|                | Percentile 75 | 5.00                                              |    |      |
| Labeled Values | 1             | Mostly/Entirely supporting the RISKS              | 13 | 6.8% |
|                | 2             | Slightly/somewhat more supportive of the RISKS    | 13 | 6.8% |
|                | 3             | Neither more supportive of the risks or benefits  | 6  | 3.1% |
|                | 4             | Slightly/somewhat more supportive of the BENEFITS | 11 | 5.7% |
|                | 5             | Mostly/Entirely supporting the BENEFITS           | 17 | 8.9% |

#### a2CTc1e1r1

|                                 |                    | Value                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 484                                                     |       |         |
|                                 | Label              | A2: Crit think: Claim 1: Evidence 1, rate supp of claim |       |         |
|                                 | Type               | Numeric                                                 |       |         |
|                                 | Format             | F8                                                      |       |         |
|                                 | Measurement        | Scale                                                   |       |         |
| N                               | Valid              | 60                                                      |       |         |
|                                 | Missing            | 132                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 4.05                                                    |       |         |
|                                 | Standard Deviation | .982                                                    |       |         |
|                                 | Percentile 25      | 4.00                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                    |       |         |
|                                 | Percentile 75      | 5.00                                                    |       |         |
| Labeled Values                  | 1                  | Strongly negates/challenges                             | 1     | 0.5%    |
|                                 | 2                  | Somewhat negates/challenges                             | 5     | 2.6%    |
|                                 | 3                  | Neither/Both                                            | 6     | 3.1%    |
|                                 | 4                  | Somewhat supports                                       | 26    | 13.5%   |
|                                 | 5                  | Strongly supports                                       | 22    | 11.5%   |

#### a2CTc1e1r2\_1

|                                 |                    | Value                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 485                                                                                          |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 1, RATs ratings-How Relevant is the evidence to the claim? |       |         |
|                                 | Type               | Numeric                                                                                      |       |         |
|                                 | Format             | F8                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                        |       |         |
| N                               | Valid              | 60                                                                                           |       |         |
|                                 | Missing            | 132                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.90                                                                                         |       |         |
|                                 | Standard Deviation | 1.145                                                                                        |       |         |

|                |               |                                |    |       |
|----------------|---------------|--------------------------------|----|-------|
|                | Percentile 25 | 3.00                           |    |       |
|                | Percentile 50 | 4.00                           |    |       |
|                | Percentile 75 | 5.00                           |    |       |
| Labeled Values | 1             | Not at all                     | 3  | 1.6%  |
|                | 2             | Slightly                       | 5  | 2.6%  |
|                | 3             | Somewhat                       | 8  | 4.2%  |
|                | 4             | Quite a bit                    | 24 | 12.5% |
|                | 5             | Entirely                       | 19 | 9.9%  |
|                | 6             | I don't know or Not Applicable | 1  | 0.5%  |

**a2CTc1e1r2\_2**

|                                 |                    | Value                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 486                                                                             |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 1, RATs ratings-How Accurate is the evidence? |       |         |
|                                 | Type               | Numeric                                                                         |       |         |
|                                 | Format             | F8                                                                              |       |         |
|                                 | Measurement        | Scale                                                                           |       |         |
|                                 |                    |                                                                                 |       |         |
| N                               | Valid              | 60                                                                              |       |         |
|                                 | Missing            | 132                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.58                                                                            |       |         |
|                                 | Standard Deviation | 1.078                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                            |       |         |
|                                 | Percentile 50      | 4.00                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                      | 3     | 1.6%    |
|                                 | 2                  | Slightly                                                                        | 4     | 2.1%    |
|                                 | 3                  | Somewhat                                                                        | 19    | 9.9%    |
|                                 | 4                  | Quite a bit                                                                     | 26    | 13.5%   |
|                                 | 5                  | Entirely                                                                        | 5     | 2.6%    |
|                                 | 6                  | I don't know or Not Applicable                                                  | 3     | 1.6%    |

**a2CTc1e1r2\_3**

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 487                                                                        |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 1, RATs ratings-How Typical is evidence? |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
|                                 |                    |                                                                            |       |         |
| N                               | Valid              | 60                                                                         |       |         |
|                                 | Missing            | 132                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.58                                                                       |       |         |
|                                 | Standard Deviation | 1.266                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                       |       |         |

|                |               |                                |    |       |
|----------------|---------------|--------------------------------|----|-------|
|                | Percentile 50 | 4.00                           |    |       |
|                | Percentile 75 | 4.00                           |    |       |
| Labeled Values | 1             | Not at all                     | 4  | 2.1%  |
|                | 2             | Slightly                       | 6  | 3.1%  |
|                | 3             | Somewhat                       | 18 | 9.4%  |
|                | 4             | Quite a bit                    | 20 | 10.4% |
|                | 5             | Entirely                       | 7  | 3.6%  |
|                | 6             | I don't know or Not Applicable | 5  | 2.6%  |

#### a2CTc1e1r2\_4

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 488                                                                                                    |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 1, RATs ratings-How Sufficient is the evidence to support the claim? |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
|                                 |                    |                                                                                                        |       |         |
| N                               | Valid              | 60                                                                                                     |       |         |
|                                 | Missing            | 132                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.07                                                                                                   |       |         |
|                                 | Standard Deviation | 1.163                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                             | 6     | 3.1%    |
|                                 | 2                  | Slightly                                                                                               | 13    | 6.8%    |
|                                 | 3                  | Somewhat                                                                                               | 18    | 9.4%    |
|                                 | 4                  | Quite a bit                                                                                            | 18    | 9.4%    |
|                                 | 5                  | Entirely                                                                                               | 4     | 2.1%    |
|                                 | 6                  | I don't know or Not Applicable                                                                         | 1     | 0.5%    |

#### a2CTc1e2r1

|                                 |                    | Value                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 489                                                     |       |         |
|                                 | Label              | A2: Crit think: Claim 1: Evidence 2, rate supp of claim |       |         |
|                                 | Type               | Numeric                                                 |       |         |
|                                 | Format             | F8                                                      |       |         |
|                                 | Measurement        | Scale                                                   |       |         |
|                                 |                    |                                                         |       |         |
| N                               | Valid              | 60                                                      |       |         |
|                                 | Missing            | 132                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.73                                                    |       |         |
|                                 | Standard Deviation | 1.517                                                   |       |         |
|                                 | Percentile 25      | 1.00                                                    |       |         |
|                                 | Percentile 50      | 2.00                                                    |       |         |

|                |               |                             |    |      |
|----------------|---------------|-----------------------------|----|------|
|                | Percentile 75 | 4.00                        |    |      |
| Labeled Values | 1             | Strongly negates/challenges | 18 | 9.4% |
|                | 2             | Somewhat negates/challenges | 13 | 6.8% |
|                | 3             | Neither/Both                | 7  | 3.6% |
|                | 4             | Somewhat supports           | 11 | 5.7% |
|                | 5             | Strongly supports           | 11 | 5.7% |

#### a2CTc1e2r2\_1

|                                 |                    | Value                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 490                                                                                          |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 2, RATs ratings-How Relevant is the evidence to the claim? |       |         |
|                                 | Type               | Numeric                                                                                      |       |         |
|                                 | Format             | F8                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                        |       |         |
|                                 |                    |                                                                                              |       |         |
| N                               | Valid              | 60                                                                                           |       |         |
|                                 | Missing            | 132                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.93                                                                                         |       |         |
|                                 | Standard Deviation | 1.087                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                         |       |         |
|                                 | Percentile 50      | 4.00                                                                                         |       |         |
|                                 | Percentile 75      | 5.00                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                   | 2     | 1.0%    |
|                                 | 2                  | Slightly                                                                                     | 4     | 2.1%    |
|                                 | 3                  | Somewhat                                                                                     | 12    | 6.3%    |
|                                 | 4                  | Quite a bit                                                                                  | 21    | 10.9%   |
|                                 | 5                  | Entirely                                                                                     | 20    | 10.4%   |
|                                 | 6                  | I don't know or Not Applicable                                                               | 1     | 0.5%    |

#### a2CTc1e2r2\_2

|                                 |                    | Value                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 491                                                                             |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 2, RATs ratings-How Accurate is the evidence? |       |         |
|                                 | Type               | Numeric                                                                         |       |         |
|                                 | Format             | F8                                                                              |       |         |
|                                 | Measurement        | Scale                                                                           |       |         |
|                                 |                    |                                                                                 |       |         |
| N                               | Valid              | 60                                                                              |       |         |
|                                 | Missing            | 132                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.38                                                                            |       |         |
|                                 | Standard Deviation | 1.166                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                            |       |         |
|                                 | Percentile 50      | 3.50                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                            |       |         |

|                |   |                                |    |       |
|----------------|---|--------------------------------|----|-------|
| Labeled Values | 1 | Not at all                     | 4  | 2.1%  |
|                | 2 | Slightly                       | 9  | 4.7%  |
|                | 3 | Somewhat                       | 17 | 8.9%  |
|                | 4 | Quite a bit                    | 22 | 11.5% |
|                | 5 | Entirely                       | 6  | 3.1%  |
|                | 6 | I don't know or Not Applicable | 2  | 1.0%  |

**a2CTc1e2r2\_3**

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 492                                                                        |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 2, RATs ratings-How Typical is evidence? |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
|                                 |                    |                                                                            |       |         |
| N                               | Valid              | 60                                                                         |       |         |
|                                 | Missing            | 132                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.77                                                                       |       |         |
|                                 | Standard Deviation | 1.240                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                       |       |         |
|                                 | Percentile 50      | 4.00                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                 | 2     | 1.0%    |
|                                 | 2                  | Slightly                                                                   | 6     | 3.1%    |
|                                 | 3                  | Somewhat                                                                   | 17    | 8.9%    |
|                                 | 4                  | Quite a bit                                                                | 21    | 10.9%   |
|                                 | 5                  | Entirely                                                                   | 7     | 3.6%    |
|                                 | 6                  | I don't know or Not Applicable                                             | 7     | 3.6%    |

**a2CTc1e2r2\_4**

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 493                                                                                                    |       |         |
|                                 | Label              | A2: Crit think: Claim 1: evidence 2, RATs ratings-How Sufficient is the evidence to support the claim? |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
|                                 |                    |                                                                                                        |       |         |
| N                               | Valid              | 60                                                                                                     |       |         |
|                                 | Missing            | 132                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.98                                                                                                   |       |         |
|                                 | Standard Deviation | 1.066                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                             | 7     | 3.6%    |

|  |   |                                |    |       |
|--|---|--------------------------------|----|-------|
|  | 2 | Slightly                       | 10 | 5.2%  |
|  | 3 | Somewhat                       | 23 | 12.0% |
|  | 4 | Quite a bit                    | 17 | 8.9%  |
|  | 5 | Entirely                       | 3  | 1.6%  |
|  | 6 | I don't know or Not Applicable | 0  | 0.0%  |

#### a2CTc1agre

|                                 |                    | Value                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 494                                         |       |         |
|                                 | Label              | A2: Crit think: Claim 1: Agree or disagree? |       |         |
|                                 | Type               | Numeric                                     |       |         |
|                                 | Format             | F8                                          |       |         |
|                                 | Measurement        | Scale                                       |       |         |
| N                               | Valid              | 60                                          |       |         |
|                                 | Missing            | 132                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.52                                        |       |         |
|                                 | Standard Deviation | 1.157                                       |       |         |
|                                 | Percentile 25      | 3.00                                        |       |         |
|                                 | Percentile 50      | 4.00                                        |       |         |
|                                 | Percentile 75      | 4.00                                        |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                           | 4     | 2.1%    |
|                                 | 2                  | Somewhat Disagree                           | 8     | 4.2%    |
|                                 | 3                  | Neutral                                     | 13    | 6.8%    |
|                                 | 4                  | Somewhat Agree                              | 23    | 12.0%   |
|                                 | 5                  | Strongly Agree                              | 12    | 6.3%    |

#### a2CTc1evim

|                                 |                    | Value                                                | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 495                                                  |       |         |
|                                 | Label              | Did the evidence you found..impact your agreement... |       |         |
|                                 | Type               | Numeric                                              |       |         |
|                                 | Format             | F8                                                   |       |         |
|                                 | Measurement        | Scale                                                |       |         |
| N                               | Valid              | 60                                                   |       |         |
|                                 | Missing            | 132                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 1.42                                                 |       |         |
|                                 | Standard Deviation | .497                                                 |       |         |
|                                 | Percentile 25      | 1.00                                                 |       |         |
|                                 | Percentile 50      | 1.00                                                 |       |         |
|                                 | Percentile 75      | 2.00                                                 |       |         |
| Labeled Values                  | 1                  | Yes                                                  | 35    | 18.2%   |
|                                 | 2                  | No                                                   | 25    | 13.0%   |

#### Q253\_1

Value

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 496                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 1718.8545          |
|                                 | Standard Deviation | 9514.24962         |
|                                 | Percentile 25      | 19.5630            |
|                                 | Percentile 50      | 37.1995            |
|                                 | Percentile 75      | 107.9170           |

### Q253\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 497               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 60                |
|                                 | Missing            | 132               |
| Central Tendency and Dispersion | Mean               | 4421.1833         |
|                                 | Standard Deviation | 13146.69427       |
|                                 | Percentile 25      | 458.6315          |
|                                 | Percentile 50      | 854.3000          |
|                                 | Percentile 75      | 1683.7580         |

### Q253\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 498                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 6198.0672          |
|                                 | Standard Deviation | 22823.65583        |
|                                 | Percentile 25      | 469.6330           |
|                                 | Percentile 50      | 899.8965           |
|                                 | Percentile 75      | 1732.7355          |

### Q253\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 499                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 34.5833            |
|                                 | Standard Deviation | 13.66958           |
|                                 | Percentile 25      | 25.5000            |
|                                 | Percentile 50      | 30.0000            |
|                                 | Percentile 75      | 39.5000            |

### Q165

|  |  |       |
|--|--|-------|
|  |  | Value |
|--|--|-------|

|                                 |                    |                                  |
|---------------------------------|--------------------|----------------------------------|
| Standard Attributes             | Position           | 500                              |
|                                 | Label              | .....<br>.....<br>.....<br>..... |
|                                 | Type               | Numeric                          |
|                                 | Format             | F8                               |
|                                 | Measurement        | Scale                            |
| N                               | Valid              | 60                               |
|                                 | Missing            | 132                              |
| Central Tendency and Dispersion | Mean               | 1.00                             |
|                                 | Standard Deviation | .000                             |
|                                 | Percentile 25      | 1.00                             |
|                                 | Percentile 50      | 1.00                             |
|                                 | Percentile 75      | 1.00                             |

#### a2CTc2reg

|                                 |                    | Value                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 501                                                   |       |         |
|                                 | Label              | A2: Crit think: Does Claim 2 support regulation of NG |       |         |
|                                 | Type               | Numeric                                               |       |         |
|                                 | Format             | F8                                                    |       |         |
|                                 | Measurement        | Scale                                                 |       |         |
| N                               | Valid              | 60                                                    |       |         |
|                                 | Missing            | 132                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.80                                                  |       |         |
|                                 | Standard Deviation | 1.400                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                  |       |         |
|                                 | Percentile 75      | 5.00                                                  |       |         |
| Labeled Values                  | 1                  | Mostly/Entirely supportingLIGHT regulation            | 9     | 4.7%    |
|                                 | 2                  | Slightly/somewhat more supportive of LIGHT regulation | 2     | 1.0%    |
|                                 | 3                  | Neither more supportive of heavy or light regulation  | 5     | 2.6%    |
|                                 | 4                  | Slightly/somewhat more supportive of HEAVY regulation | 20    | 10.4%   |
|                                 | 5                  | Mostly/Entirely supportingHEAVY regulation            | 24    | 12.5%   |

#### a2CTc2e1r1

|                     |             | Value                                                   | Count | Percent |
|---------------------|-------------|---------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 502                                                     |       |         |
|                     | Label       | A2: Crit think: Claim 2: Evidence 1, rate supp of claim |       |         |
|                     | Type        | Numeric                                                 |       |         |
|                     | Format      | F8                                                      |       |         |
|                     | Measurement | Scale                                                   |       |         |

|                                 |                    |                             |    |       |
|---------------------------------|--------------------|-----------------------------|----|-------|
| N                               | Valid              | 60                          |    |       |
|                                 | Missing            | 132                         |    |       |
| Central Tendency and Dispersion | Mean               | 4.00                        |    |       |
|                                 | Standard Deviation | 1.193                       |    |       |
|                                 | Percentile 25      | 4.00                        |    |       |
|                                 | Percentile 50      | 4.00                        |    |       |
|                                 | Percentile 75      | 5.00                        |    |       |
| Labeled Values                  | 1                  | Strongly negates/challenges | 4  | 2.1%  |
|                                 | 2                  | Somewhat negates/challenges | 5  | 2.6%  |
|                                 | 3                  | Neither/Both                | 3  | 1.6%  |
|                                 | 4                  | Somewhat supports           | 23 | 12.0% |
|                                 | 5                  | Strongly supports           | 25 | 13.0% |

**a2CTc2e1r2\_1**

|                                 |                    | Value                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 503                                                                                          |       |         |
|                                 | Label              | A2: Crit think: Claim 2: evidence 1, RATS ratings-How Relevant is the evidence to the claim? |       |         |
|                                 | Type               | Numeric                                                                                      |       |         |
|                                 | Format             | F8                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                        |       |         |
|                                 |                    |                                                                                              |       |         |
| N                               | Valid              | 60                                                                                           |       |         |
|                                 | Missing            | 132                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 4.07                                                                                         |       |         |
|                                 | Standard Deviation | 1.006                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                         |       |         |
|                                 | Percentile 50      | 4.00                                                                                         |       |         |
|                                 | Percentile 75      | 5.00                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                   | 1     | 0.5%    |
|                                 | 2                  | Slightly                                                                                     | 3     | 1.6%    |
|                                 | 3                  | Somewhat                                                                                     | 12    | 6.3%    |
|                                 | 4                  | Quite a bit                                                                                  | 20    | 10.4%   |
|                                 | 5                  | Entirely                                                                                     | 23    | 12.0%   |
|                                 | 6                  | I don't know or Not Applicable                                                               | 1     | 0.5%    |

**a2CTc2e1r2\_2**

|                     |             | Value                                                                           | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 504                                                                             |       |         |
|                     | Label       | A2: Crit think: Claim 2: evidence 1, RATS ratings-How Accurate is the evidence? |       |         |
|                     | Type        | Numeric                                                                         |       |         |
|                     | Format      | F8                                                                              |       |         |
|                     | Measurement | Scale                                                                           |       |         |
|                     |             |                                                                                 |       |         |
| N                   | Valid       | 60                                                                              |       |         |

|                                 |                    |                                |       |       |  |
|---------------------------------|--------------------|--------------------------------|-------|-------|--|
|                                 | Missing            |                                | 132   |       |  |
| Central Tendency and Dispersion | Mean               |                                | 3.77  |       |  |
|                                 | Standard Deviation |                                | 1.079 |       |  |
|                                 | Percentile 25      |                                | 3.00  |       |  |
|                                 | Percentile 50      |                                | 4.00  |       |  |
|                                 | Percentile 75      |                                | 4.00  |       |  |
| Labeled Values                  | 1                  | Not at all                     | 2     | 1.0%  |  |
|                                 | 2                  | Slightly                       | 4     | 2.1%  |  |
|                                 | 3                  | Somewhat                       | 16    | 8.3%  |  |
|                                 | 4                  | Quite a bit                    | 25    | 13.0% |  |
|                                 | 5                  | Entirely                       | 10    | 5.2%  |  |
|                                 | 6                  | I don't know or Not Applicable | 3     | 1.6%  |  |

### a2CTc2e1r2\_3

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 505                                                                        |       |         |
|                                 | Label              | A2: Crit think: Claim 2: evidence 1, RATS ratings-How Typical is evidence? |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
| N                               | Valid              | 60                                                                         |       |         |
|                                 | Missing            | 132                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.77                                                                       |       |         |
|                                 | Standard Deviation | 1.110                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                       |       |         |
|                                 | Percentile 50      | 4.00                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                 | 2     | 1.0%    |
|                                 | 2                  | Slightly                                                                   | 3     | 1.6%    |
|                                 | 3                  | Somewhat                                                                   | 20    | 10.4%   |
|                                 | 4                  | Quite a bit                                                                | 21    | 10.9%   |
|                                 | 5                  | Entirely                                                                   | 10    | 5.2%    |
|                                 | 6                  | I don't know or Not Applicable                                             | 4     | 2.1%    |

### a2CTc2e1r2\_4

|                     |             | Value                                                                                                  | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 506                                                                                                    |       |         |
|                     | Label       | A2: Crit think: Claim 2: evidence 1, RATS ratings-How Sufficient is the evidence to support the claim? |       |         |
|                     | Type        | Numeric                                                                                                |       |         |
|                     | Format      | F8                                                                                                     |       |         |
|                     | Measurement | Scale                                                                                                  |       |         |
| N                   | Valid       | 60                                                                                                     |       |         |
|                     | Missing     | 132                                                                                                    |       |         |

|                                 |                    |                                |    |       |
|---------------------------------|--------------------|--------------------------------|----|-------|
| Central Tendency and Dispersion | Mean               | 3.43                           |    |       |
|                                 | Standard Deviation | 1.198                          |    |       |
|                                 | Percentile 25      | 3.00                           |    |       |
|                                 | Percentile 50      | 3.50                           |    |       |
|                                 | Percentile 75      | 4.00                           |    |       |
| Labeled Values                  | 1                  | Not at all                     | 5  | 2.6%  |
|                                 | 2                  | Slightly                       | 6  | 3.1%  |
|                                 | 3                  | Somewhat                       | 19 | 9.9%  |
|                                 | 4                  | Quite a bit                    | 20 | 10.4% |
|                                 | 5                  | Entirely                       | 8  | 4.2%  |
|                                 | 6                  | I don't know or Not Applicable | 2  | 1.0%  |

#### a2CTc2e2r1

|                                 |                    | Value                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 507                                                         |       |         |
|                                 | Label              | A2: Crit think: Claim 2: Evidence 2, support or challenge 2 |       |         |
|                                 | Type               | Numeric                                                     |       |         |
|                                 | Format             | F8                                                          |       |         |
|                                 | Measurement        | Scale                                                       |       |         |
|                                 |                    |                                                             |       |         |
| N                               | Valid              | 60                                                          |       |         |
|                                 | Missing            | 132                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.75                                                        |       |         |
|                                 | Standard Deviation | 1.503                                                       |       |         |
|                                 | Percentile 25      | 1.00                                                        |       |         |
|                                 | Percentile 50      | 2.00                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                        |       |         |
| Labeled Values                  | 1                  | Strongly negates/challenges                                 | 17    | 8.9%    |
|                                 | 2                  | Somewhat negates/challenges                                 | 14    | 7.3%    |
|                                 | 3                  | Neither/Both                                                | 7     | 3.6%    |
|                                 | 4                  | Somewhat supports                                           | 11    | 5.7%    |
|                                 | 5                  | Strongly supports                                           | 11    | 5.7%    |

#### a2CTc2e2r2\_1

|                                 |             | Value                                                                                        | Count | Percent |
|---------------------------------|-------------|----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 508                                                                                          |       |         |
|                                 | Label       | A2: Crit think: Claim 2: evidence 2: RATS ratings-How Relevant is the evidence to the claim? |       |         |
|                                 | Type        | Numeric                                                                                      |       |         |
|                                 | Format      | F8                                                                                           |       |         |
|                                 | Measurement | Scale                                                                                        |       |         |
|                                 |             |                                                                                              |       |         |
| N                               | Valid       | 60                                                                                           |       |         |
|                                 | Missing     | 132                                                                                          |       |         |
| Central Tendency and Dispersion | Mean        | 3.68                                                                                         |       |         |

|                |                    |                                |    |      |
|----------------|--------------------|--------------------------------|----|------|
|                | Standard Deviation | 1.097                          |    |      |
|                | Percentile 25      | 3.00                           |    |      |
|                | Percentile 50      | 4.00                           |    |      |
|                | Percentile 75      | 5.00                           |    |      |
| Labeled Values | 1                  | Not at all                     | 3  | 1.6% |
|                | 2                  | Slightly                       | 4  | 2.1% |
|                | 3                  | Somewhat                       | 18 | 9.4% |
|                | 4                  | Quite a bit                    | 19 | 9.9% |
|                | 5                  | Entirely                       | 16 | 8.3% |
|                | 6                  | I don't know or Not Applicable | 0  | 0.0% |

### a2CTc2e2r2\_2

|                                 |                    | Value                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 509                                                                             |       |         |
|                                 | Label              | A2: Crit think: Claim 2: evidence 2: RATS ratings-How Accurate is the evidence? |       |         |
|                                 | Type               | Numeric                                                                         |       |         |
|                                 | Format             | F8                                                                              |       |         |
|                                 | Measurement        | Scale                                                                           |       |         |
|                                 |                    |                                                                                 |       |         |
| N                               | Valid              | 60                                                                              |       |         |
|                                 | Missing            | 132                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.38                                                                            |       |         |
|                                 | Standard Deviation | 1.075                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                      | 4     | 2.1%    |
|                                 | 2                  | Slightly                                                                        | 3     | 1.6%    |
|                                 | 3                  | Somewhat                                                                        | 29    | 15.1%   |
|                                 | 4                  | Quite a bit                                                                     | 16    | 8.3%    |
|                                 | 5                  | Entirely                                                                        | 6     | 3.1%    |
|                                 | 6                  | I don't know or Not Applicable                                                  | 2     | 1.0%    |

### a2CTc2e2r2\_3

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 510                                                                        |       |         |
|                                 | Label              | A2: Crit think: Claim 2: evidence 2: RATS ratings-How Typical is evidence? |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
|                                 |                    |                                                                            |       |         |
| N                               | Valid              | 60                                                                         |       |         |
|                                 | Missing            | 132                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.58                                                                       |       |         |
|                                 | Standard Deviation | 1.266                                                                      |       |         |

|                |               |                                |    |       |
|----------------|---------------|--------------------------------|----|-------|
|                | Percentile 25 | 3.00                           |    |       |
|                | Percentile 50 | 3.00                           |    |       |
|                | Percentile 75 | 4.00                           |    |       |
| Labeled Values | 1             | Not at all                     | 3  | 1.6%  |
|                | 2             | Slightly                       | 6  | 3.1%  |
|                | 3             | Somewhat                       | 22 | 11.5% |
|                | 4             | Quite a bit                    | 18 | 9.4%  |
|                | 5             | Entirely                       | 4  | 2.1%  |
|                | 6             | I don't know or Not Applicable | 7  | 3.6%  |

**a2CTc2e2r2\_4**

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 511                                                                                                    |       |         |
|                                 | Label              | A2: Crit think: Claim 2: evidence 2: RATS ratings-How Sufficient is the evidence to support the claim? |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
| N                               | Valid              | 60                                                                                                     |       |         |
|                                 | Missing            | 132                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.85                                                                                                   |       |         |
|                                 | Standard Deviation | 1.117                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                             | 8     | 4.2%    |
|                                 | 2                  | Slightly                                                                                               | 13    | 6.8%    |
|                                 | 3                  | Somewhat                                                                                               | 23    | 12.0%   |
|                                 | 4                  | Quite a bit                                                                                            | 13    | 6.8%    |
|                                 | 5                  | Entirely                                                                                               | 2     | 1.0%    |
|                                 | 6                  | I don't know or Not Applicable                                                                         | 1     | 0.5%    |

**a2CTc2agre**

|                                 |                    | Value                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 512                                         |       |         |
|                                 | Label              | A2: Crit think: Claim 2: Agree or disagree? |       |         |
|                                 | Type               | Numeric                                     |       |         |
|                                 | Format             | F8                                          |       |         |
|                                 | Measurement        | Scale                                       |       |         |
| N                               | Valid              | 60                                          |       |         |
|                                 | Missing            | 132                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.42                                        |       |         |
|                                 | Standard Deviation | 1.211                                       |       |         |
|                                 | Percentile 25      | 3.00                                        |       |         |
|                                 | Percentile 50      | 4.00                                        |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 75 | 4.00              |    |       |
| Labeled Values | 1             | Strongly Disagree | 5  | 2.6%  |
|                | 2             | Somewhat Disagree | 9  | 4.7%  |
|                | 3             | Neutral           | 14 | 7.3%  |
|                | 4             | Somewhat Agree    | 20 | 10.4% |
|                | 5             | Strongly Agree    | 12 | 6.3%  |

### a2CTc2evim

|                                 |                    | Value                                               | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 513                                                 |       |         |
|                                 | Label              | A2: Crit think: Claim 2: Evidence impact agreement? |       |         |
|                                 | Type               | Numeric                                             |       |         |
|                                 | Format             | F8                                                  |       |         |
|                                 | Measurement        | Scale                                               |       |         |
| N                               | Valid              | 60                                                  |       |         |
|                                 | Missing            | 132                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 1.45                                                |       |         |
|                                 | Standard Deviation | .502                                                |       |         |
|                                 | Percentile 25      | 1.00                                                |       |         |
|                                 | Percentile 50      | 1.00                                                |       |         |
|                                 | Percentile 75      | 2.00                                                |       |         |
| Labeled Values                  | 1                  | Yes                                                 | 33    | 17.2%   |
|                                 | 2                  | No                                                  | 27    | 14.1%   |

### Q297\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 514                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 186.8404           |
|                                 | Standard Deviation | 728.91527          |
|                                 | Percentile 25      | 13.0415            |
|                                 | Percentile 50      | 27.5880            |
|                                 | Percentile 75      | 51.8055            |

### Q297\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 515               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 60                |
|                                 | Missing            | 132               |
| Central Tendency and Dispersion | Mean               | 1315.5650         |
|                                 | Standard Deviation | 2786.28554        |
|                                 | Percentile 25      | 290.6425          |
|                                 | Percentile 50      | 508.0690          |
|                                 | Percentile 75      | 862.3315          |

**Q297\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 516                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 1351.6174          |
|                                 | Standard Deviation | 2798.03350         |
|                                 | Percentile 25      | 302.8535           |
|                                 | Percentile 50      | 538.1310           |
|                                 | Percentile 75      | 906.8885           |

**Q297\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 517                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 60                 |
|                                 | Missing            | 132                |
| Central Tendency and Dispersion | Mean               | 29.1333            |
|                                 | Standard Deviation | 11.16056           |
|                                 | Percentile 25      | 22.0000            |
|                                 | Percentile 50      | 26.0000            |
|                                 | Percentile 75      | 33.5000            |

**ITcond\_CT**

|                     |             | Value                                         | Count | Percent |
|---------------------|-------------|-----------------------------------------------|-------|---------|
| Standard Attributes | Position    | 518                                           |       |         |
|                     | Label       | Case source is S2_A2_NG_crit_think .sav[a2ct] |       |         |
|                     | Type        | Numeric                                       |       |         |
|                     | Format      | F1                                            |       |         |
|                     | Measurement | Nominal                                       |       |         |
| Valid Values        | 0           |                                               | 56    | 29.2%   |
|                     | 1           |                                               | 60    | 31.3%   |
| Missing Values      | System      |                                               | 76    | 39.6%   |

**Q216**

|                     |             | Value                                                                                                  |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------|
| Standard Attributes | Position    | 519                                                                                                    |
|                     | Label       | Overarching Questions... Now that you have read the background information and had a chance to thin... |
|                     | Type        | Numeric                                                                                                |
|                     | Format      | F8                                                                                                     |
|                     | Measurement | Scale                                                                                                  |

|                                 |                    |      |
|---------------------------------|--------------------|------|
| N                               | Valid              | 179  |
|                                 | Missing            | 13   |
| Central Tendency and Dispersion | Mean               | 1.00 |
|                                 | Standard Deviation | .000 |
|                                 | Percentile 25      | 1.00 |
|                                 | Percentile 50      | 1.00 |
|                                 | Percentile 75      | 1.00 |

### Q309

|                                 |                    | Value                                                                                                 |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 520                                                                                                   |
|                                 | Label              | Click here to see a list of resources that were provided within the background document. [ Click a... |
|                                 | Type               | Numeric                                                                                               |
|                                 | Format             | F8                                                                                                    |
|                                 | Measurement        | Scale                                                                                                 |
|                                 |                    |                                                                                                       |
| N                               | Valid              | 179                                                                                                   |
|                                 | Missing            | 13                                                                                                    |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                  |
|                                 | Standard Deviation | .000                                                                                                  |
|                                 | Percentile 25      | 1.00                                                                                                  |
|                                 | Percentile 50      | 1.00                                                                                                  |
|                                 | Percentile 75      | 1.00                                                                                                  |

### a2post\_riskben

|                                 |                    | Value                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 521                                      |       |         |
|                                 | Label              | A2: Risks/Bens                           |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
|                                 |                    |                                          |       |         |
| N                               | Valid              | 179                                      |       |         |
|                                 | Missing            | 13                                       |       |         |
| Central Tendency and Dispersion | Mean               | 4.55                                     |       |         |
|                                 | Standard Deviation | 1.597                                    |       |         |
|                                 | Percentile 25      | 3.00                                     |       |         |
|                                 | Percentile 50      | 5.00                                     |       |         |
|                                 | Percentile 75      | 6.00                                     |       |         |
| Labeled Values                  | 1                  | The risks greatly outweigh the benefits  | 5     | 2.6%    |
|                                 | 2                  | The risks somewhat outweigh the benefits | 19    | 9.9%    |
|                                 | 3                  | The risks slightly outweigh the benefits | 27    | 14.1%   |
|                                 | 4                  | The risks and benefits are equal         | 25    | 13.0%   |
|                                 | 5                  | The benefits slightly outweigh the risks | 42    | 21.9%   |
|                                 | 6                  | The benefits somewhat outweigh the risks | 46    | 24.0%   |
|                                 | 7                  | The benefits greatly outweigh the risks  | 15    | 7.8%    |

**a2post\_regslid**

|                                 |                    | Value                                |
|---------------------------------|--------------------|--------------------------------------|
| Standard Attributes             | Position           | 522                                  |
|                                 | Label              | A2: Risks/Bens<br>Slider-None at all |
|                                 | Type               | Numeric                              |
|                                 | Format             | F8.2                                 |
|                                 | Measurement        | Scale                                |
| N                               | Valid              | 179                                  |
|                                 | Missing            | 13                                   |
| Central Tendency and Dispersion | Mean               | 66.1732                              |
|                                 | Standard Deviation | 21.55938                             |
|                                 | Percentile 25      | 50.0000                              |
|                                 | Percentile 50      | 70.0000                              |
|                                 | Percentile 75      | 80.0000                              |

**Q226\_1**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 523                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 44.5276            |
|                                 | Standard Deviation | 284.20978          |
|                                 | Percentile 25      | 9.1740             |
|                                 | Percentile 50      | 14.7660            |
|                                 | Percentile 75      | 25.2730            |

**Q226\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 524               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 179               |
|                                 | Missing            | 13                |
| Central Tendency and Dispersion | Mean               | 542.7019          |
|                                 | Standard Deviation | 982.87864         |
|                                 | Percentile 25      | 177.8530          |
|                                 | Percentile 50      | 304.5460          |
|                                 | Percentile 75      | 502.8200          |

**Q226\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 525                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 648.6275           |
|                                 | Standard Deviation | 989.43626          |
|                                 | Percentile 25      | 253.9680           |
|                                 | Percentile 50      | 405.2920           |
|                                 | Percentile 75      | 691.8770           |

**Q226\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 526                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 12.2626            |
|                                 | Standard Deviation | 14.17797           |
|                                 | Percentile 25      | 6.0000             |
|                                 | Percentile 50      | 8.0000             |
|                                 | Percentile 75      | 13.0000            |

**Q228**

|                                 |                    | Value                 |
|---------------------------------|--------------------|-----------------------|
| Standard Attributes             | Position           | 527                   |
|                                 | Label              | Assignment Evaluation |
|                                 | Type               | Numeric               |
|                                 | Format             | F8                    |
|                                 | Measurement        | Scale                 |
| N                               | Valid              | 179                   |
|                                 | Missing            | 13                    |
| Central Tendency and Dispersion | Mean               | 1.00                  |
|                                 | Standard Deviation | .000                  |
|                                 | Percentile 25      | 1.00                  |
|                                 | Percentile 50      | 1.00                  |
|                                 | Percentile 75      | 1.00                  |

**Q245**

|                                 |                    | Value                                                                                                   |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 528                                                                                                     |
|                                 | Label              | These "New Biology" assignments are being developed with assistance from the UNL Public Policy Cente... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 179                                                                                                     |
|                                 | Missing            | 13                                                                                                      |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                                    |

**a2AnUSEFL**

|                     |          | Value                  | Count | Percent |
|---------------------|----------|------------------------|-------|---------|
| Standard Attributes | Position | 529                    |       |         |
|                     | Label    | A2: Assignment useful? |       |         |
|                     | Type     | Numeric                |       |         |
|                     | Format   | F8                     |       |         |

|                                 |                    |            |    |       |
|---------------------------------|--------------------|------------|----|-------|
|                                 | Measurement        | Scale      |    |       |
| N                               | Valid              | 179        |    |       |
|                                 | Missing            | 13         |    |       |
| Central Tendency and Dispersion | Mean               | 3.46       |    |       |
|                                 | Standard Deviation | .967       |    |       |
|                                 | Percentile 25      | 3.00       |    |       |
|                                 | Percentile 50      | 4.00       |    |       |
|                                 | Percentile 75      | 4.00       |    |       |
| Labeled Values                  | 1                  | Not at all | 8  | 4.2%  |
|                                 | 2                  | Slightly   | 22 | 11.5% |
|                                 | 3                  | Somewhat   | 44 | 22.9% |
|                                 | 4                  | Quite      | 90 | 46.9% |
|                                 | 5                  | Extremely  | 15 | 7.8%  |

### a2AgnAeng\_1

|                                 |                    |                                            |       |         |
|---------------------------------|--------------------|--------------------------------------------|-------|---------|
|                                 |                    | Value                                      | Count | Percent |
| Standard Attributes             | Position           | 530                                        |       |         |
|                                 | Label              | A2: During assignment, felt...- Interested |       |         |
|                                 | Type               | Numeric                                    |       |         |
|                                 | Format             | F8                                         |       |         |
|                                 | Measurement        | Scale                                      |       |         |
| N                               | Valid              | 179                                        |       |         |
|                                 | Missing            | 13                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.54                                       |       |         |
|                                 | Standard Deviation | .996                                       |       |         |
|                                 | Percentile 25      | 3.00                                       |       |         |
|                                 | Percentile 50      | 4.00                                       |       |         |
|                                 | Percentile 75      | 4.00                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                 | 5     | 2.6%    |
|                                 | 2                  | Just a little                              | 21    | 10.9%   |
|                                 | 3                  | Some                                       | 55    | 28.6%   |
|                                 | 4                  | Quite a bit                                | 68    | 35.4%   |
|                                 | 5                  | A great deal                               | 30    | 15.6%   |

### a2AgnAeng\_2

|                                 |                    |                                         |       |         |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
|                                 |                    | Value                                   | Count | Percent |
| Standard Attributes             | Position           | 531                                     |       |         |
|                                 | Label              | A2: During assignment, felt...- Annoyed |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
| N                               | Valid              | 179                                     |       |         |
|                                 | Missing            | 13                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.39                                    |       |         |
|                                 | Standard Deviation | 1.186                                   |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 25 | 1.00          |    |       |
|                | Percentile 50 | 2.00          |    |       |
|                | Percentile 75 | 3.00          |    |       |
| Labeled Values | 1             | Not at all    | 51 | 26.6% |
|                | 2             | Just a little | 51 | 26.6% |
|                | 3             | Some          | 44 | 22.9% |
|                | 4             | Quite a bit   | 23 | 12.0% |
|                | 5             | A great deal  | 10 | 5.2%  |

### a2AgnAeng\_3

|                                 |                    | Value                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 532                                         |       |         |
|                                 | Label              | A2: During assignment, felt...- Open-minded |       |         |
|                                 | Type               | Numeric                                     |       |         |
|                                 | Format             | F8                                          |       |         |
|                                 | Measurement        | Scale                                       |       |         |
| N                               | Valid              | 179                                         |       |         |
|                                 | Missing            | 13                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.62                                        |       |         |
|                                 | Standard Deviation | .937                                        |       |         |
|                                 | Percentile 25      | 3.00                                        |       |         |
|                                 | Percentile 50      | 4.00                                        |       |         |
|                                 | Percentile 75      | 4.00                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                  | 2     | 1.0%    |
|                                 | 2                  | Just a little                               | 19    | 9.9%    |
|                                 | 3                  | Some                                        | 56    | 29.2%   |
|                                 | 4                  | Quite a bit                                 | 70    | 36.5%   |
|                                 | 5                  | A great deal                                | 32    | 16.7%   |

### a2AgnAeng\_4

|                                 |                    | Value                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------|-------|---------|
| Standard Attributes             | Position           | 533                                   |       |         |
|                                 | Label              | A2: During assignment, felt...- Bored |       |         |
|                                 | Type               | Numeric                               |       |         |
|                                 | Format             | F8                                    |       |         |
|                                 | Measurement        | Scale                                 |       |         |
| N                               | Valid              | 179                                   |       |         |
|                                 | Missing            | 13                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.63                                  |       |         |
|                                 | Standard Deviation | 1.122                                 |       |         |
|                                 | Percentile 25      | 2.00                                  |       |         |
|                                 | Percentile 50      | 2.00                                  |       |         |
|                                 | Percentile 75      | 3.00                                  |       |         |
| Labeled Values                  | 1                  | Not at all                            | 23    | 12.0%   |
|                                 | 2                  | Just a little                         | 75    | 39.1%   |
|                                 | 3                  | Some                                  | 41    | 21.4%   |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 4 | Quite a bit  | 26 | 13.5% |
|  | 5 | A great deal | 14 | 7.3%  |

#### a2AgnAeng\_5

|                                 |                    | Value                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 534                                     |       |         |
|                                 | Label              | A2: During assignment, felt...- Focused |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
| N                               | Valid              | 179                                     |       |         |
|                                 | Missing            | 13                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.24                                    |       |         |
|                                 | Standard Deviation | .968                                    |       |         |
|                                 | Percentile 25      | 3.00                                    |       |         |
|                                 | Percentile 50      | 3.00                                    |       |         |
|                                 | Percentile 75      | 4.00                                    |       |         |
| Labeled Values                  | 1                  | Not at all                              | 11    | 5.7%    |
|                                 | 2                  | Just a little                           | 21    | 10.9%   |
|                                 | 3                  | Some                                    | 74    | 38.5%   |
|                                 | 4                  | Quite a bit                             | 60    | 31.3%   |
|                                 | 5                  | A great deal                            | 13    | 6.8%    |

#### a2AgnAeng\_6

|                                 |                    | Value                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 535                                        |       |         |
|                                 | Label              | A2: During assignment, felt...- Frustrated |       |         |
|                                 | Type               | Numeric                                    |       |         |
|                                 | Format             | F8                                         |       |         |
|                                 | Measurement        | Scale                                      |       |         |
| N                               | Valid              | 179                                        |       |         |
|                                 | Missing            | 13                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.39                                       |       |         |
|                                 | Standard Deviation | 1.177                                      |       |         |
|                                 | Percentile 25      | 1.00                                       |       |         |
|                                 | Percentile 50      | 2.00                                       |       |         |
|                                 | Percentile 75      | 3.00                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                 | 52    | 27.1%   |
|                                 | 2                  | Just a little                              | 47    | 24.5%   |
|                                 | 3                  | Some                                       | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                                | 23    | 12.0%   |
|                                 | 5                  | A great deal                               | 9     | 4.7%    |

#### a2AgnAeng\_7

|  | Value | Count | Percent |
|--|-------|-------|---------|
|--|-------|-------|---------|

|                                 |                    |                                            |    |       |
|---------------------------------|--------------------|--------------------------------------------|----|-------|
| Standard Attributes             | Position           | 536                                        |    |       |
|                                 | Label              | A2: During assignment, felt...-Competitive |    |       |
|                                 | Type               | Numeric                                    |    |       |
|                                 | Format             | F8                                         |    |       |
|                                 | Measurement        | Scale                                      |    |       |
| N                               | Valid              | 179                                        |    |       |
|                                 | Missing            | 13                                         |    |       |
| Central Tendency and Dispersion | Mean               | 2.25                                       |    |       |
|                                 | Standard Deviation | 1.184                                      |    |       |
|                                 | Percentile 25      | 1.00                                       |    |       |
|                                 | Percentile 50      | 2.00                                       |    |       |
|                                 | Percentile 75      | 3.00                                       |    |       |
| Labeled Values                  | 1                  | Not at all                                 | 67 | 34.9% |
|                                 | 2                  | Just a little                              | 35 | 18.2% |
|                                 | 3                  | Some                                       | 48 | 25.0% |
|                                 | 4                  | Quite a bit                                | 23 | 12.0% |
|                                 | 5                  | A great deal                               | 6  | 3.1%  |

#### a2AgnAeng\_8

|                                 |                    | Value                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------|-------|---------|
| Standard Attributes             | Position           | 537                                   |       |         |
|                                 | Label              | A2: During assignment, felt...-Closed |       |         |
|                                 | Type               | Numeric                               |       |         |
|                                 | Format             | F8                                    |       |         |
|                                 | Measurement        | Scale                                 |       |         |
| N                               | Valid              | 179                                   |       |         |
|                                 | Missing            | 13                                    |       |         |
| Central Tendency and Dispersion | Mean               | 1.78                                  |       |         |
|                                 | Standard Deviation | .869                                  |       |         |
|                                 | Percentile 25      | 1.00                                  |       |         |
|                                 | Percentile 50      | 2.00                                  |       |         |
|                                 | Percentile 75      | 2.00                                  |       |         |
| Labeled Values                  | 1                  | Not at all                            | 84    | 43.8%   |
|                                 | 2                  | Just a little                         | 56    | 29.2%   |
|                                 | 3                  | Some                                  | 34    | 17.7%   |
|                                 | 4                  | Quite a bit                           | 4     | 2.1%    |
|                                 | 5                  | A great deal                          | 1     | 0.5%    |

#### a2AgnAeng\_9

|                     |          | Value                                   | Count | Percent |
|---------------------|----------|-----------------------------------------|-------|---------|
| Standard Attributes | Position | 538                                     |       |         |
|                     | Label    | A2: During assignment, felt...-Creative |       |         |
|                     | Type     | Numeric                                 |       |         |
|                     | Format   | F8                                      |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 179           |    |       |
|                                 | Missing            | 13            |    |       |
| Central Tendency and Dispersion | Mean               | 2.77          |    |       |
|                                 | Standard Deviation | 1.102         |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 27 | 14.1% |
|                                 | 2                  | Just a little | 43 | 22.4% |
|                                 | 3                  | Some          | 64 | 33.3% |
|                                 | 4                  | Quite a bit   | 35 | 18.2% |
|                                 | 5                  | A great deal  | 10 | 5.2%  |

### a2AgnAeng\_10

|                                 |                    |                                                                          |       |         |
|---------------------------------|--------------------|--------------------------------------------------------------------------|-------|---------|
|                                 |                    | Value                                                                    | Count | Percent |
| Standard Attributes             | Position           | 539                                                                      |       |         |
|                                 | Label              | A2: During assignment, felt...- Like I wished I was doing something else |       |         |
|                                 | Type               | Numeric                                                                  |       |         |
|                                 | Format             | F8                                                                       |       |         |
|                                 | Measurement        | Scale                                                                    |       |         |
| N                               | Valid              | 179                                                                      |       |         |
|                                 | Missing            | 13                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.94                                                                     |       |         |
|                                 | Standard Deviation | 1.217                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                               | 17    | 8.9%    |
|                                 | 2                  | Just a little                                                            | 62    | 32.3%   |
|                                 | 3                  | Some                                                                     | 38    | 19.8%   |
|                                 | 4                  | Quite a bit                                                              | 38    | 19.8%   |
|                                 | 5                  | A great deal                                                             | 24    | 12.5%   |

### a2AgnAeng\_11

|                                 |             |                                                        |       |         |
|---------------------------------|-------------|--------------------------------------------------------|-------|---------|
|                                 |             | Value                                                  | Count | Percent |
| Standard Attributes             | Position    | 540                                                    |       |         |
|                                 | Label       | A2: During assignment, felt...- Like working carefully |       |         |
|                                 | Type        | Numeric                                                |       |         |
|                                 | Format      | F8                                                     |       |         |
|                                 | Measurement | Scale                                                  |       |         |
| N                               | Valid       | 179                                                    |       |         |
|                                 | Missing     | 13                                                     |       |         |
| Central Tendency and Dispersion | Mean        | 3.02                                                   |       |         |

|                |                    |               |      |       |  |
|----------------|--------------------|---------------|------|-------|--|
|                | Standard Deviation |               | .991 |       |  |
|                | Percentile 25      |               | 2.00 |       |  |
|                | Percentile 50      |               | 3.00 |       |  |
|                | Percentile 75      |               | 4.00 |       |  |
| Labeled Values | 1                  | Not at all    | 13   | 6.8%  |  |
|                | 2                  | Just a little | 41   | 21.4% |  |
|                | 3                  | Some          | 61   | 31.8% |  |
|                | 4                  | Quite a bit   | 58   | 30.2% |  |
|                | 5                  | A great deal  | 6    | 3.1%  |  |

### a2AgnAeng\_12

|                                 |                    | Value                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 541                                                              |       |         |
|                                 | Label              | A2: During assignment, felt...- Like my mind was already made up |       |         |
|                                 | Type               | Numeric                                                          |       |         |
|                                 | Format             | F8                                                               |       |         |
|                                 | Measurement        | Scale                                                            |       |         |
| N                               | Valid              | 179                                                              |       |         |
|                                 | Missing            | 13                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.52                                                             |       |         |
|                                 | Standard Deviation | 1.088                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                             |       |         |
|                                 | Percentile 75      | 3.00                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                       | 39    | 20.3%   |
|                                 | 2                  | Just a little                                                    | 46    | 24.0%   |
|                                 | 3                  | Some                                                             | 62    | 32.3%   |
|                                 | 4                  | Quite a bit                                                      | 26    | 13.5%   |
|                                 | 5                  | A great deal                                                     | 6     | 3.1%    |

### a2AgnAeng\_13

|                                 |                    | Value                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 542                                         |       |         |
|                                 | Label              | A2: During assignment, felt...- Responsible |       |         |
|                                 | Type               | Numeric                                     |       |         |
|                                 | Format             | F8                                          |       |         |
|                                 | Measurement        | Scale                                       |       |         |
| N                               | Valid              | 179                                         |       |         |
|                                 | Missing            | 13                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.32                                        |       |         |
|                                 | Standard Deviation | .963                                        |       |         |
|                                 | Percentile 25      | 3.00                                        |       |         |
|                                 | Percentile 50      | 3.00                                        |       |         |
|                                 | Percentile 75      | 4.00                                        |       |         |

|                |   |               |    |       |
|----------------|---|---------------|----|-------|
| Labeled Values | 1 | Not at all    | 11 | 5.7%  |
|                | 2 | Just a little | 15 | 7.8%  |
|                | 3 | Some          | 73 | 38.0% |
|                | 4 | Quite a bit   | 65 | 33.9% |
|                | 5 | A great deal  | 15 | 7.8%  |

#### a2AgnAeng\_14

|                                 |                    | Value                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 543                                     |       |         |
|                                 | Label              | A2: During assignment, felt...- Engaged |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
|                                 |                    |                                         |       |         |
| N                               | Valid              | 179                                     |       |         |
|                                 | Missing            | 13                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                    |       |         |
|                                 | Standard Deviation | .982                                    |       |         |
|                                 | Percentile 25      | 3.00                                    |       |         |
|                                 | Percentile 50      | 3.00                                    |       |         |
|                                 | Percentile 75      | 4.00                                    |       |         |
| Labeled Values                  | 1                  | Not at all                              | 9     | 4.7%    |
|                                 | 2                  | Just a little                           | 25    | 13.0%   |
|                                 | 3                  | Some                                    | 63    | 32.8%   |
|                                 | 4                  | Quite a bit                             | 67    | 34.9%   |
|                                 | 5                  | A great deal                            | 15    | 7.8%    |

#### a2AgnAeng\_15

|                                 |                    | Value                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 544                                        |       |         |
|                                 | Label              | A2: During assignment, felt...- Distracted |       |         |
|                                 | Type               | Numeric                                    |       |         |
|                                 | Format             | F8                                         |       |         |
|                                 | Measurement        | Scale                                      |       |         |
|                                 |                    |                                            |       |         |
| N                               | Valid              | 179                                        |       |         |
|                                 | Missing            | 13                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.40                                       |       |         |
|                                 | Standard Deviation | .986                                       |       |         |
|                                 | Percentile 25      | 2.00                                       |       |         |
|                                 | Percentile 50      | 2.00                                       |       |         |
|                                 | Percentile 75      | 3.00                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                 | 30    | 15.6%   |
|                                 | 2                  | Just a little                              | 78    | 40.6%   |
|                                 | 3                  | Some                                       | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                | 23    | 12.0%   |
|                                 | 5                  | A great deal                               | 4     | 2.1%    |

### a2AgnAeng\_16

|                                 |                    | Value                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 545                                          |       |         |
|                                 | Label              | A2: During assignment, felt...-Conscientious |       |         |
|                                 | Type               | Numeric                                      |       |         |
|                                 | Format             | F8                                           |       |         |
|                                 | Measurement        | Scale                                        |       |         |
| N                               | Valid              | 179                                          |       |         |
|                                 | Missing            | 13                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.25                                         |       |         |
|                                 | Standard Deviation | 1.021                                        |       |         |
|                                 | Percentile 25      | 3.00                                         |       |         |
|                                 | Percentile 50      | 3.00                                         |       |         |
|                                 | Percentile 75      | 4.00                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                   | 13    | 6.8%    |
|                                 | 2                  | Just a little                                | 22    | 11.5%   |
|                                 | 3                  | Some                                         | 66    | 34.4%   |
|                                 | 4                  | Quite a bit                                  | 63    | 32.8%   |
|                                 | 5                  | A great deal                                 | 15    | 7.8%    |

### a2AgnAeng\_17

|                                 |                    | Value                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 546                                          |       |         |
|                                 | Label              | A2: During assignment, felt...-Argumentative |       |         |
|                                 | Type               | Numeric                                      |       |         |
|                                 | Format             | F8                                           |       |         |
|                                 | Measurement        | Scale                                        |       |         |
| N                               | Valid              | 179                                          |       |         |
|                                 | Missing            | 13                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.94                                         |       |         |
|                                 | Standard Deviation | 1.152                                        |       |         |
|                                 | Percentile 25      | 2.00                                         |       |         |
|                                 | Percentile 50      | 3.00                                         |       |         |
|                                 | Percentile 75      | 4.00                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                   | 29    | 15.1%   |
|                                 | 2                  | Just a little                                | 23    | 12.0%   |
|                                 | 3                  | Some                                         | 71    | 37.0%   |
|                                 | 4                  | Quite a bit                                  | 42    | 21.9%   |
|                                 | 5                  | A great deal                                 | 14    | 7.3%    |

### a2AgnAeng\_18

|                     |          | Value                                              | Count | Percent |
|---------------------|----------|----------------------------------------------------|-------|---------|
| Standard Attributes | Position | 547                                                |       |         |
|                     | Label    | A2: During assignment, felt...-Like being thorough |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 179           |    |       |
|                                 | Missing            | 13            |    |       |
| Central Tendency and Dispersion | Mean               | 2.99          |    |       |
|                                 | Standard Deviation | 1.011         |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 16 | 8.3%  |
|                                 | 2                  | Just a little | 34 | 17.7% |
|                                 | 3                  | Some          | 75 | 39.1% |
|                                 | 4                  | Quite a bit   | 44 | 22.9% |
|                                 | 5                  | A great deal  | 10 | 5.2%  |

### a2manipchk\_1

|                                 |                    | Value                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 548                                                                           |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Understand nanotechnology |       |         |
|                                 | Type               | Numeric                                                                       |       |         |
|                                 | Format             | F8                                                                            |       |         |
|                                 | Measurement        | Scale                                                                         |       |         |
| N                               | Valid              | 179                                                                           |       |         |
|                                 | Missing            | 13                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.51                                                                          |       |         |
|                                 | Standard Deviation | .908                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                    | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                 | 22    | 11.5%   |
|                                 | 3                  | Some                                                                          | 54    | 28.1%   |
|                                 | 4                  | Quite a bit                                                                   | 80    | 41.7%   |
|                                 | 5                  | A great deal                                                                  | 20    | 10.4%   |

### a2manipchk\_2

|                     |             | Value                                                                          | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 549                                                                            |       |         |
|                     | Label       | A2: Background document and assignment helped to...-Learn about nanotechnology |       |         |
|                     | Type        | Numeric                                                                        |       |         |
|                     | Format      | F8                                                                             |       |         |
|                     | Measurement |                                                                                |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 179           |    |       |
|                                 | Missing            | 13            |    |       |
| Central Tendency and Dispersion | Mean               | 3.62          |    |       |
|                                 | Standard Deviation | 1.000         |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 4.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 6  | 3.1%  |
|                                 | 2                  | Just a little | 16 | 8.3%  |
|                                 | 3                  | Some          | 52 | 27.1% |
|                                 | 4                  | Quite a bit   | 71 | 37.0% |
|                                 | 5                  | A great deal  | 34 | 17.7% |

### a2manipchk\_3

|                                 |                    |                                                                                    |       |         |
|---------------------------------|--------------------|------------------------------------------------------------------------------------|-------|---------|
|                                 |                    | Value                                                                              | Count | Percent |
| Standard Attributes             | Position           | 550                                                                                |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Inspire me to think creatively |       |         |
|                                 | Type               | Numeric                                                                            |       |         |
|                                 | Format             | F8                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                              |       |         |
|                                 |                    |                                                                                    |       |         |
| N                               | Valid              | 179                                                                                |       |         |
|                                 | Missing            | 13                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.93                                                                               |       |         |
|                                 | Standard Deviation | 1.020                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                         | 17    | 8.9%    |
|                                 | 2                  | Just a little                                                                      | 39    | 20.3%   |
|                                 | 3                  | Some                                                                               | 71    | 37.0%   |
|                                 | 4                  | Quite a bit                                                                        | 43    | 22.4%   |
|                                 | 5                  | A great deal                                                                       | 9     | 4.7%    |

### a2manipchk\_4

|                     |             |                                                                                                         |       |         |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------|-------|---------|
|                     |             | Value                                                                                                   | Count | Percent |
| Standard Attributes | Position    | 551                                                                                                     |       |         |
|                     | Label       | A2: Background document and assignment helped to...-Motivate me to explore nanotechnology in more depth |       |         |
|                     | Type        | Numeric                                                                                                 |       |         |
|                     | Format      | F8                                                                                                      |       |         |
|                     | Measurement | Scale                                                                                                   |       |         |
|                     |             |                                                                                                         |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 179           |    |       |
|                                 | Missing            | 13            |    |       |
| Central Tendency and Dispersion | Mean               | 2.96          |    |       |
|                                 | Standard Deviation | 1.078         |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 18 | 9.4%  |
|                                 | 2                  | Just a little | 40 | 20.8% |
|                                 | 3                  | Some          | 65 | 33.9% |
|                                 | 4                  | Quite a bit   | 43 | 22.4% |
|                                 | 5                  | A great deal  | 13 | 6.8%  |

### a2manipchk\_5

|                                 |                    | Value                                                                                          | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 552                                                                                            |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-More clearly articulate my own perspective |       |         |
|                                 | Type               | Numeric                                                                                        |       |         |
|                                 | Format             | F8                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                          |       |         |
| N                               | Valid              | 179                                                                                            |       |         |
|                                 | Missing            | 13                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.32                                                                                           |       |         |
|                                 | Standard Deviation | .980                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                     | 7     | 3.6%    |
|                                 | 2                  | Just a little                                                                                  | 27    | 14.1%   |
|                                 | 3                  | Some                                                                                           | 65    | 33.9%   |
|                                 | 4                  | Quite a bit                                                                                    | 62    | 32.3%   |
|                                 | 5                  | A great deal                                                                                   | 18    | 9.4%    |

### a2manipchk\_6

|                     |             | Value                                                                                                                               | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 553                                                                                                                                 |       |         |
|                     | Label       | A2: Background document and assignment helped to...-Gather information that I could use for my answers to the overarching questions |       |         |
|                     | Type        | Numeric                                                                                                                             |       |         |
|                     | Format      | F8                                                                                                                                  |       |         |
|                     | Measurement | Scale                                                                                                                               |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 179           |    |       |
|                                 | Missing            | 13            |    |       |
| Central Tendency and Dispersion | Mean               | 3.37          |    |       |
|                                 | Standard Deviation | 1.005         |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 8  | 4.2%  |
|                                 | 2                  | Just a little | 22 | 11.5% |
|                                 | 3                  | Some          | 68 | 35.4% |
|                                 | 4                  | Quite a bit   | 58 | 30.2% |
|                                 | 5                  | A great deal  | 23 | 12.0% |

### a2manipchk\_7

|                                 |                    | Value                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 554                                                                           |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Get my thoughts organized |       |         |
|                                 | Type               | Numeric                                                                       |       |         |
|                                 | Format             | F8                                                                            |       |         |
|                                 | Measurement        | Scale                                                                         |       |         |
| N                               | Valid              | 179                                                                           |       |         |
|                                 | Missing            | 13                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.19                                                                          |       |         |
|                                 | Standard Deviation | .947                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                    | 10    | 5.2%    |
|                                 | 2                  | Just a little                                                                 | 26    | 13.5%   |
|                                 | 3                  | Some                                                                          | 73    | 38.0%   |
|                                 | 4                  | Quite a bit                                                                   | 60    | 31.3%   |
|                                 | 5                  | A great deal                                                                  | 10    | 5.2%    |

### a2manipchk\_8

|                     |             | Value                                                                                                                          | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 555                                                                                                                            |       |         |
|                     | Label       | A2: Background document and assignment helped to...-Organize a great deal of information relevant to the overarching questions |       |         |
|                     | Type        | Numeric                                                                                                                        |       |         |
|                     | Format      | F8                                                                                                                             |       |         |
|                     | Measurement | Scale                                                                                                                          |       |         |
| N                   | Valid       | 179                                                                                                                            |       |         |

|                                 |                    |               |      |       |  |
|---------------------------------|--------------------|---------------|------|-------|--|
|                                 | Missing            |               | 13   |       |  |
| Central Tendency and Dispersion | Mean               |               | 3.27 |       |  |
|                                 | Standard Deviation |               | .904 |       |  |
|                                 | Percentile 25      |               | 3.00 |       |  |
|                                 | Percentile 50      |               | 3.00 |       |  |
|                                 | Percentile 75      |               | 4.00 |       |  |
| Labeled Values                  | 1                  | Not at all    | 8    | 4.2%  |  |
|                                 | 2                  | Just a little | 21   | 10.9% |  |
|                                 | 3                  | Some          | 74   | 38.5% |  |
|                                 | 4                  | Quite a bit   | 66   | 34.4% |  |
|                                 | 5                  | A great deal  | 10   | 5.2%  |  |

### a2manipchk\_9

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 556                                                                                                             |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Compare the positives and negatives related to nanogenomics |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 179                                                                                                             |       |         |
|                                 | Missing            | 13                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.50                                                                                                            |       |         |
|                                 | Standard Deviation | .950                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                            |       |         |
|                                 | Percentile 50      | 4.00                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                      | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                                                   | 22    | 11.5%   |
|                                 | 3                  | Some                                                                                                            | 52    | 27.1%   |
|                                 | 4                  | Quite a bit                                                                                                     | 79    | 41.1%   |
|                                 | 5                  | A great deal                                                                                                    | 21    | 10.9%   |

### a2manipchk\_10

|                     |             | Value                                                                                                          | Count | Percent |
|---------------------|-------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 557                                                                                                            |       |         |
|                     | Label       | A2: Background document and assignment helped to...-See the issues from perspectives I'd not considered before |       |         |
|                     | Type        | Numeric                                                                                                        |       |         |
|                     | Format      | F8                                                                                                             |       |         |
|                     | Measurement | Scale                                                                                                          |       |         |
|                     |             |                                                                                                                |       |         |
| N                   | Valid       | 179                                                                                                            |       |         |
|                     | Missing     | 13                                                                                                             |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| Central Tendency and Dispersion | Mean               | 3.23          |    |       |
|                                 | Standard Deviation | .993          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 10 | 5.2%  |
|                                 | 2                  | Just a little | 26 | 13.5% |
|                                 | 3                  | Some          | 72 | 37.5% |
|                                 | 4                  | Quite a bit   | 55 | 28.6% |
|                                 | 5                  | A great deal  | 16 | 8.3%  |

### a2manipchk\_11

|                                 |                    | Value                                                                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 558                                                                                               |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Understand perspectives different from my own |       |         |
|                                 | Type               | Numeric                                                                                           |       |         |
|                                 | Format             | F8                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                             |       |         |
|                                 |                    |                                                                                                   |       |         |
| N                               | Valid              | 179                                                                                               |       |         |
|                                 | Missing            | 13                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                                                              |       |         |
|                                 | Standard Deviation | .965                                                                                              |       |         |
|                                 | Percentile 25      | 3.00                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                        | 10    | 5.2%    |
|                                 | 2                  | Just a little                                                                                     | 20    | 10.4%   |
|                                 | 3                  | Some                                                                                              | 75    | 39.1%   |
|                                 | 4                  | Quite a bit                                                                                       | 59    | 30.7%   |
|                                 | 5                  | A great deal                                                                                      | 15    | 7.8%    |

### a2manipchk\_13

|                                 |                    | Value                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 559                                                                               |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Formulate my arguments better |       |         |
|                                 | Type               | Numeric                                                                           |       |         |
|                                 | Format             | F8                                                                                |       |         |
|                                 | Measurement        | Scale                                                                             |       |         |
|                                 |                    |                                                                                   |       |         |
| N                               | Valid              | 179                                                                               |       |         |
|                                 | Missing            | 13                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.24                                                                              |       |         |
|                                 | Standard Deviation | .996                                                                              |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 25 | 3.00          |    |       |
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 9  | 4.7%  |
|                | 2             | Just a little | 29 | 15.1% |
|                | 3             | Some          | 67 | 34.9% |
|                | 4             | Quite a bit   | 58 | 30.2% |
|                | 5             | A great deal  | 16 | 8.3%  |

### a2manipchk\_12

|                                 |                    | Value                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 560                                                                                 |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Think critically about evidence |       |         |
|                                 | Type               | Numeric                                                                             |       |         |
|                                 | Format             | F8                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                               |       |         |
|                                 |                    |                                                                                     |       |         |
| N                               | Valid              | 179                                                                                 |       |         |
|                                 | Missing            | 13                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.19                                                                                |       |         |
|                                 | Standard Deviation | .970                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                          | 8     | 4.2%    |
|                                 | 2                  | Just a little                                                                       | 33    | 17.2%   |
|                                 | 3                  | Some                                                                                | 68    | 35.4%   |
|                                 | 4                  | Quite a bit                                                                         | 57    | 29.7%   |
|                                 | 5                  | A great deal                                                                        | 13    | 6.8%    |

### a2manipchk\_14

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 561                                                                                                     |       |         |
|                                 | Label              | A2: Background document and assignment helped to...-Better understand what it means to think critically |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 179                                                                                                     |       |         |
|                                 | Missing            | 13                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.83                                                                                                    |       |         |
|                                 | Standard Deviation | 1.073                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                    |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 23 | 12.0% |
|                | 2             | Just a little | 41 | 21.4% |
|                | 3             | Some          | 68 | 35.4% |
|                | 4             | Quite a bit   | 37 | 19.3% |
|                | 5             | A great deal  | 10 | 5.2%  |

### a2manipchk\_15

|                                 |                    | Value                                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 562                                                                                                                                                 |       |         |
|                                 | Label              | A2: Background document and assignment helped to....Motivate me to look at the evidence for different claims, rather than just accepting the claims |       |         |
|                                 | Type               | Numeric                                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                                     |       |         |
| N                               | Valid              | 179                                                                                                                                                 |       |         |
|                                 | Missing            | 13                                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.16                                                                                                                                                |       |         |
|                                 | Standard Deviation | 1.075                                                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                          | 17    | 8.9%    |
|                                 | 2                  | Just a little                                                                                                                                       | 25    | 13.0%   |
|                                 | 3                  | Some                                                                                                                                                | 65    | 33.9%   |
|                                 | 4                  | Quite a bit                                                                                                                                         | 57    | 29.7%   |
|                                 | 5                  | A great deal                                                                                                                                        | 15    | 7.8%    |

### Q249\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 563                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 15.4040            |
|                                 | Standard Deviation | 23.14930           |
|                                 | Percentile 25      | 6.1330             |
|                                 | Percentile 50      | 9.0750             |
|                                 | Percentile 75      | 15.6910            |

### Q249\_2

|                     |          | Value             |
|---------------------|----------|-------------------|
| Standard Attributes | Position | 564               |
|                     | Label    | Timing-Last Click |
|                     | Type     | Numeric           |

|                                 |                    |           |
|---------------------------------|--------------------|-----------|
|                                 | Format             | F8.2      |
|                                 | Measurement        | Scale     |
| N                               | Valid              | 179       |
|                                 | Missing            | 13        |
| Central Tendency and Dispersion | Mean               | 155.6883  |
|                                 | Standard Deviation | 193.80312 |
|                                 | Percentile 25      | 103.4700  |
|                                 | Percentile 50      | 126.2740  |
|                                 | Percentile 75      | 162.5270  |

### Q249\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 565                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 157.6036           |
|                                 | Standard Deviation | 193.89869          |
|                                 | Percentile 25      | 104.9350           |
|                                 | Percentile 50      | 129.1660           |
|                                 | Percentile 75      | 165.1600           |

### Q249\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 566                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 37.9497            |
|                                 | Standard Deviation | 4.18568            |
|                                 | Percentile 25      | 35.0000            |
|                                 | Percentile 50      | 37.0000            |
|                                 | Percentile 75      | 39.0000            |

### a2BGdoctr\_1

|                                 |                    |                                       |       |         |
|---------------------------------|--------------------|---------------------------------------|-------|---------|
|                                 |                    | Value                                 | Count | Percent |
| Standard Attributes             | Position           | 567                                   |       |         |
|                                 | Label              | A2: Background doc was...-Interesting |       |         |
|                                 | Type               | Numeric                               |       |         |
|                                 | Format             | F8                                    |       |         |
|                                 | Measurement        | Scale                                 |       |         |
| N                               | Valid              | 57                                    |       |         |
|                                 | Missing            | 135                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.42                                  |       |         |
|                                 | Standard Deviation | .999                                  |       |         |
|                                 | Percentile 25      | 3.00                                  |       |         |
|                                 | Percentile 50      | 3.00                                  |       |         |
|                                 | Percentile 75      | 4.00                                  |       |         |
| Labeled Values                  | 1                  | Not at all                            | 1     | 0.5%    |

|  |   |               |    |       |
|--|---|---------------|----|-------|
|  | 2 | Just a little | 9  | 4.7%  |
|  | 3 | Some          | 21 | 10.9% |
|  | 4 | Quite a bit   | 17 | 8.9%  |
|  | 5 | A great deal  | 9  | 4.7%  |

#### a2BGdocrt\_2

|                                 |                    | Value                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------|-------|---------|
| Standard Attributes             | Position           | 568                              |       |         |
|                                 | Label              | A2: Background doc was...-Boring |       |         |
|                                 | Type               | Numeric                          |       |         |
|                                 | Format             | F8                               |       |         |
|                                 | Measurement        | Scale                            |       |         |
| N                               | Valid              | 50                               |       |         |
|                                 | Missing            | 142                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.16                             |       |         |
|                                 | Standard Deviation | .955                             |       |         |
|                                 | Percentile 25      | 1.00                             |       |         |
|                                 | Percentile 50      | 2.00                             |       |         |
|                                 | Percentile 75      | 3.00                             |       |         |
| Labeled Values                  | 1                  | Not at all                       | 13    | 6.8%    |
|                                 | 2                  | Just a little                    | 22    | 11.5%   |
|                                 | 3                  | Some                             | 9     | 4.7%    |
|                                 | 4                  | Quite a bit                      | 6     | 3.1%    |
|                                 | 5                  | A great deal                     | 0     | 0.0%    |

#### a2BGdocrt\_3

|                                 |                    | Value                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------|-------|---------|
| Standard Attributes             | Position           | 569                              |       |         |
|                                 | Label              | A2: Background doc was...-Biased |       |         |
|                                 | Type               | Numeric                          |       |         |
|                                 | Format             | F8                               |       |         |
|                                 | Measurement        | Scale                            |       |         |
| N                               | Valid              | 179                              |       |         |
|                                 | Missing            | 13                               |       |         |
| Central Tendency and Dispersion | Mean               | 1.99                             |       |         |
|                                 | Standard Deviation | .899                             |       |         |
|                                 | Percentile 25      | 1.00                             |       |         |
|                                 | Percentile 50      | 2.00                             |       |         |
|                                 | Percentile 75      | 3.00                             |       |         |
| Labeled Values                  | 1                  | Not at all                       | 64    | 33.3%   |
|                                 | 2                  | Just a little                    | 61    | 31.8%   |
|                                 | 3                  | Some                             | 47    | 24.5%   |
|                                 | 4                  | Quite a bit                      | 6     | 3.1%    |
|                                 | 5                  | A great deal                     | 1     | 0.5%    |

#### a2BGdocrt\_4

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                    |    |       |
|---------------------------------|--------------------|------------------------------------|----|-------|
| Standard Attributes             | Position           | 570                                |    |       |
|                                 | Label              | A2: Background doc was...-Balanced |    |       |
|                                 | Type               | Numeric                            |    |       |
|                                 | Format             | F8                                 |    |       |
|                                 | Measurement        | Scale                              |    |       |
| N                               | Valid              | 179                                |    |       |
|                                 | Missing            | 13                                 |    |       |
| Central Tendency and Dispersion | Mean               | 3.46                               |    |       |
|                                 | Standard Deviation | .882                               |    |       |
|                                 | Percentile 25      | 3.00                               |    |       |
|                                 | Percentile 50      | 4.00                               |    |       |
|                                 | Percentile 75      | 4.00                               |    |       |
| Labeled Values                  | 1                  | Not at all                         | 4  | 2.1%  |
|                                 | 2                  | Just a little                      | 20 | 10.4% |
|                                 | 3                  | Some                               | 60 | 31.3% |
|                                 | 4                  | Quite a bit                        | 80 | 41.7% |
|                                 | 5                  | A great deal                       | 15 | 7.8%  |

#### a2BGdocrt\_5

|                                 |                    | Value                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------|-------|---------|
| Standard Attributes             | Position           | 571                                |       |         |
|                                 | Label              | A2: Background doc was...-Thorough |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 63                                 |       |         |
|                                 | Missing            | 129                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.29                               |       |         |
|                                 | Standard Deviation | 1.038                              |       |         |
|                                 | Percentile 25      | 2.00                               |       |         |
|                                 | Percentile 50      | 4.00                               |       |         |
|                                 | Percentile 75      | 4.00                               |       |         |
| Labeled Values                  | 1                  | Not at all                         | 3     | 1.6%    |
|                                 | 2                  | Just a little                      | 13    | 6.8%    |
|                                 | 3                  | Some                               | 15    | 7.8%    |
|                                 | 4                  | Quite a bit                        | 27    | 14.1%   |
|                                 | 5                  | A great deal                       | 5     | 2.6%    |

#### a2BGdocrt\_6

|                     |             | Value                            | Count | Percent |
|---------------------|-------------|----------------------------------|-------|---------|
| Standard Attributes | Position    | 572                              |       |         |
|                     | Label       | A2: Background doc was...-Useful |       |         |
|                     | Type        | Numeric                          |       |         |
|                     | Format      | F8                               |       |         |
|                     | Measurement | Scale                            |       |         |
| N                   | Valid       | 47                               |       |         |

|                                 |                    |               |      |    |       |
|---------------------------------|--------------------|---------------|------|----|-------|
|                                 | Missing            |               | 145  |    |       |
| Central Tendency and Dispersion | Mean               |               | 3.70 |    |       |
|                                 | Standard Deviation |               | .883 |    |       |
|                                 | Percentile 25      |               | 3.00 |    |       |
|                                 | Percentile 50      |               | 4.00 |    |       |
|                                 | Percentile 75      |               | 4.00 |    |       |
| Labeled Values                  | 1                  | Not at all    |      | 0  | 0.0%  |
|                                 | 2                  | Just a little |      | 5  | 2.6%  |
|                                 | 3                  | Some          |      | 12 | 6.3%  |
|                                 | 4                  | Quite a bit   |      | 22 | 11.5% |
|                                 | 5                  | A great deal  |      | 8  | 4.2%  |

### a2BGdocrt\_7

|                                 |                    | Value                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------|-------|---------|
| Standard Attributes             | Position           | 573                                |       |         |
|                                 | Label              | A2: Background doc was...-Accurate |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 48                                 |       |         |
|                                 | Missing            | 144                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.73                               |       |         |
|                                 | Standard Deviation | .792                               |       |         |
|                                 | Percentile 25      | 3.00                               |       |         |
|                                 | Percentile 50      | 4.00                               |       |         |
|                                 | Percentile 75      | 4.00                               |       |         |
| Labeled Values                  | 1                  | Not at all                         | 0     | 0.0%    |
|                                 | 2                  | Just a little                      | 3     | 1.6%    |
|                                 | 3                  | Some                               | 14    | 7.3%    |
|                                 | 4                  | Quite a bit                        | 24    | 12.5%   |
|                                 | 5                  | A great deal                       | 7     | 3.6%    |

### a2BGdocrt\_8

|                                 |                    | Value                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------|-------|---------|
| Standard Attributes             | Position           | 574                            |       |         |
|                                 | Label              | A2: Background doc was...-Fair |       |         |
|                                 | Type               | Numeric                        |       |         |
|                                 | Format             | F8                             |       |         |
|                                 | Measurement        | Scale                          |       |         |
| N                               | Valid              | 49                             |       |         |
|                                 | Missing            | 143                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.73                           |       |         |
|                                 | Standard Deviation | .861                           |       |         |
|                                 | Percentile 25      | 3.00                           |       |         |
|                                 | Percentile 50      | 4.00                           |       |         |
|                                 | Percentile 75      | 4.00                           |       |         |

|                |   |               |    |       |
|----------------|---|---------------|----|-------|
| Labeled Values | 1 | Not at all    | 0  | 0.0%  |
|                | 2 | Just a little | 4  | 2.1%  |
|                | 3 | Some          | 14 | 7.3%  |
|                | 4 | Quite a bit   | 22 | 11.5% |
|                | 5 | A great deal  | 9  | 4.7%  |

#### a2BGdocrt\_9

|                                 |                    | Value                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------|-------|---------|
| Standard Attributes             | Position           | 575                                |       |         |
|                                 | Label              | A2: Background doc was...-Engaging |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 62                                 |       |         |
|                                 | Missing            | 130                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                               |       |         |
|                                 | Standard Deviation | .926                               |       |         |
|                                 | Percentile 25      | 3.00                               |       |         |
|                                 | Percentile 50      | 3.00                               |       |         |
|                                 | Percentile 75      | 4.00                               |       |         |
| Labeled Values                  | 1                  | Not at all                         | 1     | 0.5%    |
|                                 | 2                  | Just a little                      | 12    | 6.3%    |
|                                 | 3                  | Some                               | 23    | 12.0%   |
|                                 | 4                  | Quite a bit                        | 21    | 10.9%   |
|                                 | 5                  | A great deal                       | 5     | 2.6%    |

#### a2BGdocrt\_10

|                                 |                    | Value                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------|-------|---------|
| Standard Attributes             | Position           | 576                                |       |         |
|                                 | Label              | A2: Background doc was...-Relevant |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 43                                 |       |         |
|                                 | Missing            | 149                                |       |         |
| Central Tendency and Dispersion | Mean               | 4.05                               |       |         |
|                                 | Standard Deviation | .844                               |       |         |
|                                 | Percentile 25      | 3.00                               |       |         |
|                                 | Percentile 50      | 4.00                               |       |         |
|                                 | Percentile 75      | 5.00                               |       |         |
| Labeled Values                  | 1                  | Not at all                         | 0     | 0.0%    |
|                                 | 2                  | Just a little                      | 1     | 0.5%    |
|                                 | 3                  | Some                               | 11    | 5.7%    |
|                                 | 4                  | Quite a bit                        | 16    | 8.3%    |
|                                 | 5                  | A great deal                       | 15    | 7.8%    |

#### a2BGdocrt\_11

|                                 |                    | Value                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------|-------|---------|
| Standard Attributes             | Position           | 577                                   |       |         |
|                                 | Label              | A2: Background doc was...-Informative |       |         |
|                                 | Type               | Numeric                               |       |         |
|                                 | Format             | F8                                    |       |         |
|                                 | Measurement        | Scale                                 |       |         |
| N                               | Valid              | 41                                    |       |         |
|                                 | Missing            | 151                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.66                                  |       |         |
|                                 | Standard Deviation | .825                                  |       |         |
|                                 | Percentile 25      | 3.00                                  |       |         |
|                                 | Percentile 50      | 4.00                                  |       |         |
|                                 | Percentile 75      | 4.00                                  |       |         |
| Labeled Values                  | 1                  | Not at all                            | 0     | 0.0%    |
|                                 | 2                  | Just a little                         | 4     | 2.1%    |
|                                 | 3                  | Some                                  | 11    | 5.7%    |
|                                 | 4                  | Quite a bit                           | 21    | 10.9%   |
|                                 | 5                  | A great deal                          | 5     | 2.6%    |

#### a2BGdocrt\_12

|                                 |                    | Value                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 578                                      |       |         |
|                                 | Label              | A2: Background doc was...-Well-organized |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
| N                               | Valid              | 45                                       |       |         |
|                                 | Missing            | 147                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.91                                     |       |         |
|                                 | Standard Deviation | .733                                     |       |         |
|                                 | Percentile 25      | 3.00                                     |       |         |
|                                 | Percentile 50      | 4.00                                     |       |         |
|                                 | Percentile 75      | 4.00                                     |       |         |
| Labeled Values                  | 1                  | Not at all                               | 0     | 0.0%    |
|                                 | 2                  | Just a little                            | 0     | 0.0%    |
|                                 | 3                  | Some                                     | 14    | 7.3%    |
|                                 | 4                  | Quite a bit                              | 21    | 10.9%   |
|                                 | 5                  | A great deal                             | 10    | 5.2%    |

#### a2BGdocrt\_13

|                     |             | Value                                  | Count | Percent |
|---------------------|-------------|----------------------------------------|-------|---------|
| Standard Attributes | Position    | 579                                    |       |         |
|                     | Label       | A2: Background doc was...-Disorganized |       |         |
|                     | Type        | Numeric                                |       |         |
|                     | Format      | F8                                     |       |         |
|                     | Measurement | Scale                                  |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 57            |    |       |
|                                 | Missing            | 135           |    |       |
| Central Tendency and Dispersion | Mean               | 1.44          |    |       |
|                                 | Standard Deviation | .756          |    |       |
|                                 | Percentile 25      | 1.00          |    |       |
|                                 | Percentile 50      | 1.00          |    |       |
|                                 | Percentile 75      | 2.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 39 | 20.3% |
|                                 | 2                  | Just a little | 13 | 6.8%  |
|                                 | 3                  | Some          | 3  | 1.6%  |
|                                 | 4                  | Quite a bit   | 2  | 1.0%  |
|                                 | 5                  | A great deal  | 0  | 0.0%  |

#### a2BGdocrt\_14

|                                 |                    | Value                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 580                                    |       |         |
|                                 | Label              | A2: Background doc was...-Too-detailed |       |         |
|                                 | Type               | Numeric                                |       |         |
|                                 | Format             | F8                                     |       |         |
|                                 | Measurement        | Scale                                  |       |         |
| N                               | Valid              | 49                                     |       |         |
|                                 | Missing            | 143                                    |       |         |
| Central Tendency and Dispersion | Mean               | 1.53                                   |       |         |
|                                 | Standard Deviation | .739                                   |       |         |
|                                 | Percentile 25      | 1.00                                   |       |         |
|                                 | Percentile 50      | 1.00                                   |       |         |
|                                 | Percentile 75      | 2.00                                   |       |         |
| Labeled Values                  | 1                  | Not at all                             | 29    | 15.1%   |
|                                 | 2                  | Just a little                          | 15    | 7.8%    |
|                                 | 3                  | Some                                   | 4     | 2.1%    |
|                                 | 4                  | Quite a bit                            | 1     | 0.5%    |
|                                 | 5                  | A great deal                           | 0     | 0.0%    |

#### a2BGdocrt\_15

|                                 |                    | Value                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 581                                           |       |         |
|                                 | Label              | A2: Background doc was...-Not detailed enough |       |         |
|                                 | Type               | Numeric                                       |       |         |
|                                 | Format             | F8                                            |       |         |
|                                 | Measurement        | Scale                                         |       |         |
| N                               | Valid              | 57                                            |       |         |
|                                 | Missing            | 135                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.39                                          |       |         |
|                                 | Standard Deviation | 1.192                                         |       |         |
|                                 | Percentile 25      | 1.00                                          |       |         |

|                |               |               |    |      |
|----------------|---------------|---------------|----|------|
|                | Percentile 50 | 2.00          |    |      |
|                | Percentile 75 | 3.00          |    |      |
| Labeled Values | 1             | Not at all    | 15 | 7.8% |
|                | 2             | Just a little | 19 | 9.9% |
|                | 3             | Some          | 13 | 6.8% |
|                | 4             | Quite a bit   | 6  | 3.1% |
|                | 5             | A great deal  | 4  | 2.1% |

#### a2BGdocrt\_16

|                                 |                    | Value                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------|-------|---------|
| Standard Attributes             | Position           | 582                               |       |         |
|                                 | Label              | A2: Background doc was...-Useless |       |         |
|                                 | Type               | Numeric                           |       |         |
|                                 | Format             | F8                                |       |         |
|                                 | Measurement        | Scale                             |       |         |
| N                               | Valid              | 48                                |       |         |
|                                 | Missing            | 144                               |       |         |
| Central Tendency and Dispersion | Mean               | 1.38                              |       |         |
|                                 | Standard Deviation | .703                              |       |         |
|                                 | Percentile 25      | 1.00                              |       |         |
|                                 | Percentile 50      | 1.00                              |       |         |
|                                 | Percentile 75      | 1.50                              |       |         |
| Labeled Values                  | 1                  | Not at all                        | 36    | 18.8%   |
|                                 | 2                  | Just a little                     | 6     | 3.1%    |
|                                 | 3                  | Some                              | 6     | 3.1%    |
|                                 | 4                  | Quite a bit                       | 0     | 0.0%    |
|                                 | 5                  | A great deal                      | 0     | 0.0%    |

#### a2assignrt\_1

|                                 |                    | Value                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 583                                    |       |         |
|                                 | Label              | A2: This assignment was...-Interesting |       |         |
|                                 | Type               | Numeric                                |       |         |
|                                 | Format             | F8                                     |       |         |
|                                 | Measurement        | Scale                                  |       |         |
| N                               | Valid              | 79                                     |       |         |
|                                 | Missing            | 113                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                   |       |         |
|                                 | Standard Deviation | 1.083                                  |       |         |
|                                 | Percentile 25      | 3.00                                   |       |         |
|                                 | Percentile 50      | 3.00                                   |       |         |
|                                 | Percentile 75      | 4.00                                   |       |         |
| Labeled Values                  | 1                  | Not at all                             | 5     | 2.6%    |
|                                 | 2                  | Just a little                          | 14    | 7.3%    |
|                                 | 3                  | Some                                   | 24    | 12.5%   |
|                                 | 4                  | Quite a bit                            | 27    | 14.1%   |
|                                 | 5                  | A great deal                           | 9     | 4.7%    |

**a2assignrt\_2**

|                                 |                    | Value                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------|-------|---------|
| Standard Attributes             | Position           | 584                               |       |         |
|                                 | Label              | A2: This assignment was...-Boring |       |         |
|                                 | Type               | Numeric                           |       |         |
|                                 | Format             | F8                                |       |         |
|                                 | Measurement        | Scale                             |       |         |
| N                               | Valid              | 73                                |       |         |
|                                 | Missing            | 119                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.73                              |       |         |
|                                 | Standard Deviation | 1.146                             |       |         |
|                                 | Percentile 25      | 2.00                              |       |         |
|                                 | Percentile 50      | 2.00                              |       |         |
|                                 | Percentile 75      | 3.00                              |       |         |
| Labeled Values                  | 1                  | Not at all                        | 7     | 3.6%    |
|                                 | 2                  | Just a little                     | 31    | 16.1%   |
|                                 | 3                  | Some                              | 18    | 9.4%    |
|                                 | 4                  | Quite a bit                       | 9     | 4.7%    |
|                                 | 5                  | A great deal                      | 8     | 4.2%    |

**a2assignrt\_3**

|                                 |                    | Value                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------|-------|---------|
| Standard Attributes             | Position           | 585                                 |       |         |
|                                 | Label              | A2: This assignment was...-Too hard |       |         |
|                                 | Type               | Numeric                             |       |         |
|                                 | Format             | F8                                  |       |         |
|                                 | Measurement        | Scale                               |       |         |
| N                               | Valid              | 86                                  |       |         |
|                                 | Missing            | 106                                 |       |         |
| Central Tendency and Dispersion | Mean               | 1.90                                |       |         |
|                                 | Standard Deviation | 1.158                               |       |         |
|                                 | Percentile 25      | 1.00                                |       |         |
|                                 | Percentile 50      | 1.00                                |       |         |
|                                 | Percentile 75      | 2.00                                |       |         |
| Labeled Values                  | 1                  | Not at all                          | 44    | 22.9%   |
|                                 | 2                  | Just a little                       | 21    | 10.9%   |
|                                 | 3                  | Some                                | 11    | 5.7%    |
|                                 | 4                  | Quite a bit                         | 6     | 3.1%    |
|                                 | 5                  | A great deal                        | 4     | 2.1%    |

**a2assignrt\_4**

|                     |          | Value                               | Count | Percent |
|---------------------|----------|-------------------------------------|-------|---------|
| Standard Attributes | Position | 586                                 |       |         |
|                     | Label    | A2: This assignment was...-Too easy |       |         |
|                     | Type     | Numeric                             |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 78            |    |       |
|                                 | Missing            | 114           |    |       |
| Central Tendency and Dispersion | Mean               | 1.82          |    |       |
|                                 | Standard Deviation | .785          |    |       |
|                                 | Percentile 25      | 1.00          |    |       |
|                                 | Percentile 50      | 2.00          |    |       |
|                                 | Percentile 75      | 2.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 31 | 16.1% |
|                                 | 2                  | Just a little | 31 | 16.1% |
|                                 | 3                  | Some          | 15 | 7.8%  |
|                                 | 4                  | Quite a bit   | 1  | 0.5%  |
|                                 | 5                  | A great deal  | 0  | 0.0%  |

### a2assignrt\_5

|                                 |                    | Value                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 587                                     |       |         |
|                                 | Label              | A2: This assignment was....-Challenging |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
| N                               | Valid              | 72                                      |       |         |
|                                 | Missing            | 120                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.71                                    |       |         |
|                                 | Standard Deviation | 1.027                                   |       |         |
|                                 | Percentile 25      | 2.00                                    |       |         |
|                                 | Percentile 50      | 3.00                                    |       |         |
|                                 | Percentile 75      | 3.00                                    |       |         |
| Labeled Values                  | 1                  | Not at all                              | 11    | 5.7%    |
|                                 | 2                  | Just a little                           | 16    | 8.3%    |
|                                 | 3                  | Some                                    | 30    | 15.6%   |
|                                 | 4                  | Quite a bit                             | 13    | 6.8%    |
|                                 | 5                  | A great deal                            | 2     | 1.0%    |

### a2assignrt\_6

|                                 |                    | Value                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------|-------|---------|
| Standard Attributes             | Position           | 588                                |       |         |
|                                 | Label              | A2: This assignment was....-Useful |       |         |
|                                 | Type               | Numeric                            |       |         |
|                                 | Format             | F8                                 |       |         |
|                                 | Measurement        | Scale                              |       |         |
| N                               | Valid              | 84                                 |       |         |
|                                 | Missing            | 108                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.12                               |       |         |
|                                 | Standard Deviation | .911                               |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 25 | 3.00          |    |       |
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 3  | 1.6%  |
|                | 2             | Just a little | 16 | 8.3%  |
|                | 3             | Some          | 38 | 19.8% |
|                | 4             | Quite a bit   | 22 | 11.5% |
|                | 5             | A great deal  | 5  | 2.6%  |

### a2assignrt\_7

|                                 |                    | Value                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------|-------|---------|
| Standard Attributes             | Position           | 589                                 |       |         |
|                                 | Label              | A2: This assignment was...-Engaging |       |         |
|                                 | Type               | Numeric                             |       |         |
|                                 | Format             | F8                                  |       |         |
|                                 | Measurement        | Scale                               |       |         |
| N                               | Valid              | 61                                  |       |         |
|                                 | Missing            | 131                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.75                                |       |         |
|                                 | Standard Deviation | 1.120                               |       |         |
|                                 | Percentile 25      | 2.00                                |       |         |
|                                 | Percentile 50      | 3.00                                |       |         |
|                                 | Percentile 75      | 4.00                                |       |         |
| Labeled Values                  | 1                  | Not at all                          | 10    | 5.2%    |
|                                 | 2                  | Just a little                       | 14    | 7.3%    |
|                                 | 3                  | Some                                | 21    | 10.9%   |
|                                 | 4                  | Quite a bit                         | 13    | 6.8%    |
|                                 | 5                  | A great deal                        | 3     | 1.6%    |

### a2assignrt\_8

|                                 |                    | Value                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------|-------|---------|
| Standard Attributes             | Position           | 590                                 |       |         |
|                                 | Label              | A2: This assignment was...-Relevant |       |         |
|                                 | Type               | Numeric                             |       |         |
|                                 | Format             | F8                                  |       |         |
|                                 | Measurement        | Scale                               |       |         |
| N                               | Valid              | 81                                  |       |         |
|                                 | Missing            | 111                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.51                                |       |         |
|                                 | Standard Deviation | .963                                |       |         |
|                                 | Percentile 25      | 3.00                                |       |         |
|                                 | Percentile 50      | 4.00                                |       |         |
|                                 | Percentile 75      | 4.00                                |       |         |
| Labeled Values                  | 1                  | Not at all                          | 2     | 1.0%    |
|                                 | 2                  | Just a little                       | 11    | 5.7%    |
|                                 | 3                  | Some                                | 22    | 11.5%   |
|                                 | 4                  | Quite a bit                         | 36    | 18.8%   |
|                                 | 5                  | A great deal                        | 10    | 5.2%    |

### a2assignrt\_9

|                                 |                    | Value                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 591                                     |       |         |
|                                 | Label              | A2: This assignment was....-Informative |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
| N                               | Valid              | 79                                      |       |         |
|                                 | Missing            | 113                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.41                                    |       |         |
|                                 | Standard Deviation | 1.007                                   |       |         |
|                                 | Percentile 25      | 3.00                                    |       |         |
|                                 | Percentile 50      | 3.00                                    |       |         |
|                                 | Percentile 75      | 4.00                                    |       |         |
| Labeled Values                  | 1                  | Not at all                              | 2     | 1.0%    |
|                                 | 2                  | Just a little                           | 13    | 6.8%    |
|                                 | 3                  | Some                                    | 26    | 13.5%   |
|                                 | 4                  | Quite a bit                             | 27    | 14.1%   |
|                                 | 5                  | A great deal                            | 11    | 5.7%    |

### a2assignrt\_10

|                                 |                    | Value                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 592                                        |       |         |
|                                 | Label              | A2: This assignment was....-Well-organized |       |         |
|                                 | Type               | Numeric                                    |       |         |
|                                 | Format             | F8                                         |       |         |
|                                 | Measurement        | Scale                                      |       |         |
| N                               | Valid              | 74                                         |       |         |
|                                 | Missing            | 118                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.50                                       |       |         |
|                                 | Standard Deviation | .815                                       |       |         |
|                                 | Percentile 25      | 3.00                                       |       |         |
|                                 | Percentile 50      | 4.00                                       |       |         |
|                                 | Percentile 75      | 4.00                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                 | 0     | 0.0%    |
|                                 | 2                  | Just a little                              | 9     | 4.7%    |
|                                 | 3                  | Some                                       | 25    | 13.0%   |
|                                 | 4                  | Quite a bit                                | 34    | 17.7%   |
|                                 | 5                  | A great deal                               | 6     | 3.1%    |

### a2assignrt\_11

|                     |          | Value                                    | Count | Percent |
|---------------------|----------|------------------------------------------|-------|---------|
| Standard Attributes | Position | 593                                      |       |         |
|                     | Label    | A2: This assignment was....-Disorganized |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 74            |    |       |
|                                 | Missing            | 118           |    |       |
| Central Tendency and Dispersion | Mean               | 1.72          |    |       |
|                                 | Standard Deviation | .929          |    |       |
|                                 | Percentile 25      | 1.00          |    |       |
|                                 | Percentile 50      | 1.00          |    |       |
|                                 | Percentile 75      | 2.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 40 | 20.8% |
|                                 | 2                  | Just a little | 19 | 9.9%  |
|                                 | 3                  | Some          | 12 | 6.3%  |
|                                 | 4                  | Quite a bit   | 2  | 1.0%  |
|                                 | 5                  | A great deal  | 1  | 0.5%  |

#### a2assignrt\_12

|                                 |                    | Value                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------|-------|---------|
| Standard Attributes             | Position           | 594                                  |       |         |
|                                 | Label              | A2: This assignment was...-Confusing |       |         |
|                                 | Type               | Numeric                              |       |         |
|                                 | Format             | F8                                   |       |         |
|                                 | Measurement        | Scale                                |       |         |
| N                               | Valid              | 73                                   |       |         |
|                                 | Missing            | 119                                  |       |         |
| Central Tendency and Dispersion | Mean               | 1.85                                 |       |         |
|                                 | Standard Deviation | 1.023                                |       |         |
|                                 | Percentile 25      | 1.00                                 |       |         |
|                                 | Percentile 50      | 2.00                                 |       |         |
|                                 | Percentile 75      | 3.00                                 |       |         |
| Labeled Values                  | 1                  | Not at all                           | 36    | 18.8%   |
|                                 | 2                  | Just a little                        | 18    | 9.4%    |
|                                 | 3                  | Some                                 | 15    | 7.8%    |
|                                 | 4                  | Quite a bit                          | 2     | 1.0%    |
|                                 | 5                  | A great deal                         | 2     | 1.0%    |

#### a2assignrt\_13

|                     |             | Value                                         | Count | Percent |
|---------------------|-------------|-----------------------------------------------|-------|---------|
| Standard Attributes | Position    | 595                                           |       |         |
|                     | Label       | A2: This assignment was...-Easy to understand |       |         |
|                     | Type        | Numeric                                       |       |         |
|                     | Format      | F8                                            |       |         |
|                     | Measurement | Scale                                         |       |         |
| N                   | Valid       | 83                                            |       |         |
|                     | Missing     | 109                                           |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| Central Tendency and Dispersion | Mean               | 3.49          |    |       |
|                                 | Standard Deviation | .980          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 4.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 3  | 1.6%  |
|                                 | 2                  | Just a little | 8  | 4.2%  |
|                                 | 3                  | Some          | 29 | 15.1% |
|                                 | 4                  | Quite a bit   | 31 | 16.1% |
|                                 | 5                  | A great deal  | 12 | 6.3%  |

#### a2assignrt\_14

|                                 |                    | Value                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------|-------|---------|
| Standard Attributes             | Position           | 596                                 |       |         |
|                                 | Label              | A2: This assignment was....-Useless |       |         |
|                                 | Type               | Numeric                             |       |         |
|                                 | Format             | F8                                  |       |         |
|                                 | Measurement        | Scale                               |       |         |
| N                               | Valid              | 77                                  |       |         |
|                                 | Missing            | 115                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.22                                |       |         |
|                                 | Standard Deviation | 1.108                               |       |         |
|                                 | Percentile 25      | 1.00                                |       |         |
|                                 | Percentile 50      | 2.00                                |       |         |
|                                 | Percentile 75      | 3.00                                |       |         |
| Labeled Values                  | 1                  | Not at all                          | 23    | 12.0%   |
|                                 | 2                  | Just a little                       | 27    | 14.1%   |
|                                 | 3                  | Some                                | 18    | 9.4%    |
|                                 | 4                  | Quite a bit                         | 5     | 2.6%    |
|                                 | 5                  | A great deal                        | 4     | 2.1%    |

#### a2BCeng\_1

|                                 |                    | Value                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 597                                                                               |       |         |
|                                 | Label              | A2: During the assignment, I...- Discussed my ideas about the topics with others. |       |         |
|                                 | Type               | Numeric                                                                           |       |         |
|                                 | Format             | F8                                                                                |       |         |
|                                 | Measurement        | Scale                                                                             |       |         |
| N                               | Valid              | 179                                                                               |       |         |
|                                 | Missing            | 13                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.01                                                                              |       |         |
|                                 | Standard Deviation | 1.176                                                                             |       |         |
|                                 | Percentile 25      | 1.00                                                                              |       |         |
|                                 | Percentile 50      | 2.00                                                                              |       |         |

|                |               |              |    |       |
|----------------|---------------|--------------|----|-------|
|                | Percentile 75 | 3.00         |    |       |
| Labeled Values | 1             | Not at all   | 86 | 44.8% |
|                | 2             | A little     | 36 | 18.8% |
|                | 3             | Somewhat     | 31 | 16.1% |
|                | 4             | Quite a bit  | 21 | 10.9% |
|                | 5             | A great deal | 5  | 2.6%  |

### a2BCeng\_15

|                                 |                    | Value                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 598                                                                                          |       |         |
|                                 | Label              | A2: During the assignment, I...- Asked others what they thought about the topics and issues. |       |         |
|                                 | Type               | Numeric                                                                                      |       |         |
|                                 | Format             | F8                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                        |       |         |
|                                 |                    |                                                                                              |       |         |
| N                               | Valid              | 179                                                                                          |       |         |
|                                 | Missing            | 13                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 1.98                                                                                         |       |         |
|                                 | Standard Deviation | 1.178                                                                                        |       |         |
|                                 | Percentile 25      | 1.00                                                                                         |       |         |
|                                 | Percentile 50      | 1.00                                                                                         |       |         |
|                                 | Percentile 75      | 3.00                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                   | 93    | 48.4%   |
|                                 | 2                  | A little                                                                                     | 25    | 13.0%   |
|                                 | 3                  | Somewhat                                                                                     | 35    | 18.2%   |
|                                 | 4                  | Quite a bit                                                                                  | 23    | 12.0%   |
|                                 | 5                  | A great deal                                                                                 | 3     | 1.6%    |

### a2BCeng\_2

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 599                                                                                                                     |       |         |
|                                 | Label              | A2: During the assignment, I...-Tried to think about how the topics I was reading about related to other things I know. |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
|                                 |                    |                                                                                                                         |       |         |
| N                               | Valid              | 179                                                                                                                     |       |         |
|                                 | Missing            | 13                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.17                                                                                                                    |       |         |
|                                 | Standard Deviation | 1.141                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                              | 18    | 9.4%    |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 2 | A little     | 27 | 14.1% |
|  | 3 | Somewhat     | 62 | 32.3% |
|  | 4 | Quite a bit  | 50 | 26.0% |
|  | 5 | A great deal | 22 | 11.5% |

### a2BCeng\_3

|                                 |                    | Value                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 600                                                                                                                                 |       |         |
|                                 | Label              | A2: During the assignment, I...- Checked myself to see how well I understood the issues related to the topics I was learning about. |       |         |
|                                 | Type               | Numeric                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                     |       |         |
| N                               | Valid              | 179                                                                                                                                 |       |         |
|                                 | Missing            | 13                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 2.82                                                                                                                                |       |         |
|                                 | Standard Deviation | .986                                                                                                                                |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                          | 18    | 9.4%    |
|                                 | 2                  | A little                                                                                                                            | 43    | 22.4%   |
|                                 | 3                  | Somewhat                                                                                                                            | 81    | 42.2%   |
|                                 | 4                  | Quite a bit                                                                                                                         | 28    | 14.6%   |
|                                 | 5                  | A great deal                                                                                                                        | 9     | 4.7%    |

### a2BCeng\_4

|                                 |                    | Value                                                                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 601                                                                                |       |         |
|                                 | Label              | A2: During the assignment, I...-Took notes about the issues related to the topics. |       |         |
|                                 | Type               | Numeric                                                                            |       |         |
|                                 | Format             | F8                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                              |       |         |
|                                 |                    |                                                                                    |       |         |
| N                               | Valid              | 179                                                                                |       |         |
|                                 | Missing            | 13                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 1.87                                                                               |       |         |
|                                 | Standard Deviation | 1.109                                                                              |       |         |
|                                 | Percentile 25      | 1.00                                                                               |       |         |
|                                 | Percentile 50      | 1.00                                                                               |       |         |
|                                 | Percentile 75      | 3.00                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                         | 98    | 51.0%   |
|                                 | 2                  | A little                                                                           | 28    | 14.6%   |
|                                 | 3                  | Somewhat                                                                           | 36    | 18.8%   |

|  |   |              |    |      |
|--|---|--------------|----|------|
|  | 4 | Quite a bit  | 13 | 6.8% |
|  | 5 | A great deal | 4  | 2.1% |

#### a2BCeng\_5

|                                 |                    | Value                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 602                                                                                      |       |         |
|                                 | Label              | A2: During the assignment, I...- Identified questions that I still had about the topics. |       |         |
|                                 | Type               | Numeric                                                                                  |       |         |
|                                 | Format             | F8                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                    |       |         |
|                                 |                    |                                                                                          |       |         |
| N                               | Valid              | 179                                                                                      |       |         |
|                                 | Missing            | 13                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.74                                                                                     |       |         |
|                                 | Standard Deviation | 1.081                                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                     |       |         |
|                                 | Percentile 75      | 3.00                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                               | 24    | 12.5%   |
|                                 | 2                  | A little                                                                                 | 51    | 26.6%   |
|                                 | 3                  | Somewhat                                                                                 | 61    | 31.8%   |
|                                 | 4                  | Quite a bit                                                                              | 33    | 17.2%   |
|                                 | 5                  | A great deal                                                                             | 10    | 5.2%    |

#### a2BCeng\_6

|                                 |                    | Value                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 603                                                                                     |       |         |
|                                 | Label              | A2: During the assignment, I...-Tried to find answers to my questions about the topics. |       |         |
|                                 | Type               | Numeric                                                                                 |       |         |
|                                 | Format             | F8                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                   |       |         |
|                                 |                    |                                                                                         |       |         |
| N                               | Valid              | 179                                                                                     |       |         |
|                                 | Missing            | 13                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.78                                                                                    |       |         |
|                                 | Standard Deviation | 1.001                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                              | 23    | 12.0%   |
|                                 | 2                  | A little                                                                                | 41    | 21.4%   |
|                                 | 3                  | Somewhat                                                                                | 70    | 36.5%   |
|                                 | 4                  | Quite a bit                                                                             | 42    | 21.9%   |
|                                 | 5                  | A great deal                                                                            | 3     | 1.6%    |

### a2BCeng\_7

|                                 |                    | Value                                                                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 604                                                                                                           |       |         |
|                                 | Label              | A2: During the assignment, I...- Explored topics related to the subject in order to satisfy my own curiosity. |       |         |
|                                 | Type               | Numeric                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                         |       |         |
|                                 |                    |                                                                                                               |       |         |
| N                               | Valid              | 179                                                                                                           |       |         |
|                                 | Missing            | 13                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.37                                                                                                          |       |         |
|                                 | Standard Deviation | 1.126                                                                                                         |       |         |
|                                 | Percentile 25      | 1.00                                                                                                          |       |         |
|                                 | Percentile 50      | 2.00                                                                                                          |       |         |
|                                 | Percentile 75      | 3.00                                                                                                          |       |         |
|                                 |                    |                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                    | 48    | 25.0%   |
|                                 | 2                  | A little                                                                                                      | 54    | 28.1%   |
|                                 | 3                  | Somewhat                                                                                                      | 47    | 24.5%   |
|                                 | 4                  | Quite a bit                                                                                                   | 23    | 12.0%   |
|                                 | 5                  | A great deal                                                                                                  | 7     | 3.6%    |
|                                 |                    |                                                                                                               |       |         |

### a2BCeng\_11

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 605                                                                        |       |         |
|                                 | Label              | A2: During the assignment, I...-Did some of my own research on the topics. |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
|                                 |                    |                                                                            |       |         |
| N                               | Valid              | 179                                                                        |       |         |
|                                 | Missing            | 13                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.03                                                                       |       |         |
|                                 | Standard Deviation | 1.141                                                                      |       |         |
|                                 | Percentile 25      | 1.00                                                                       |       |         |
|                                 | Percentile 50      | 2.00                                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                                       |       |         |
|                                 |                    |                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                 | 81    | 42.2%   |
|                                 | 2                  | A little                                                                   | 38    | 19.8%   |
|                                 | 3                  | Somewhat                                                                   | 38    | 19.8%   |
|                                 | 4                  | Quite a bit                                                                | 17    | 8.9%    |
|                                 | 5                  | A great deal                                                               | 5     | 2.6%    |
|                                 |                    |                                                                            |       |         |

### a2BCeng\_12

|                                 |                    | Value                                                                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 606                                                                                                                  |       |         |
|                                 | Label              | A2: During the assignment, I...- Visited the links and other additional resources listed in the background document. |       |         |
|                                 | Type               | Numeric                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                |       |         |
|                                 |                    |                                                                                                                      |       |         |
| N                               | Valid              | 179                                                                                                                  |       |         |
|                                 | Missing            | 13                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 2.49                                                                                                                 |       |         |
|                                 | Standard Deviation | 1.282                                                                                                                |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                 |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                           | 58    | 30.2%   |
|                                 | 2                  | A little                                                                                                             | 31    | 16.1%   |
|                                 | 3                  | Somewhat                                                                                                             | 46    | 24.0%   |
|                                 | 4                  | Quite a bit                                                                                                          | 33    | 17.2%   |
|                                 | 5                  | A great deal                                                                                                         | 11    | 5.7%    |

### a2BCeng\_13

|                                 |                    | Value                                                                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 607                                                                                                            |       |         |
|                                 | Label              | A2: During the assignment, I...-Tried to think creatively about the impacts of this new technology on society. |       |         |
|                                 | Type               | Numeric                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                          |       |         |
|                                 |                    |                                                                                                                |       |         |
| N                               | Valid              | 179                                                                                                            |       |         |
|                                 | Missing            | 13                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.34                                                                                                           |       |         |
|                                 | Standard Deviation | 1.087                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                     | 11    | 5.7%    |
|                                 | 2                  | A little                                                                                                       | 25    | 13.0%   |
|                                 | 3                  | Somewhat                                                                                                       | 62    | 32.3%   |
|                                 | 4                  | Quite a bit                                                                                                    | 54    | 28.1%   |
|                                 | 5                  | A great deal                                                                                                   | 27    | 14.1%   |

### a2BCeng\_20

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                                       |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 608                                                                                                                                   |    |       |
|                                 | Label              | A2: During the assignment, I...-Tried to identify new second-order effects of nanotechnology that others may not have thought of yet. |    |       |
|                                 | Type               | Numeric                                                                                                                               |    |       |
|                                 | Format             | F8                                                                                                                                    |    |       |
|                                 | Measurement        | Scale                                                                                                                                 |    |       |
|                                 |                    |                                                                                                                                       |    |       |
| N                               | Valid              | 179                                                                                                                                   |    |       |
|                                 | Missing            | 13                                                                                                                                    |    |       |
| Central Tendency and Dispersion | Mean               | 2.85                                                                                                                                  |    |       |
|                                 | Standard Deviation | 1.089                                                                                                                                 |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                  |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                  |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                  |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                            | 22 | 11.5% |
|                                 | 2                  | A little                                                                                                                              | 42 | 21.9% |
|                                 | 3                  | Somewhat                                                                                                                              | 69 | 35.9% |
|                                 | 4                  | Quite a bit                                                                                                                           | 33 | 17.2% |
|                                 | 5                  | A great deal                                                                                                                          | 13 | 6.8%  |

#### a2BCeng\_14

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 609                                                                                                                     |       |         |
|                                 | Label              | A2: During the assignment, I...-Tried to identify what people with different perspectives might think about the topics. |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
|                                 |                    |                                                                                                                         |       |         |
| N                               | Valid              | 179                                                                                                                     |       |         |
|                                 | Missing            | 13                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.98                                                                                                                    |       |         |
|                                 | Standard Deviation | 1.129                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                              | 24    | 12.5%   |
|                                 | 2                  | A little                                                                                                                | 30    | 15.6%   |
|                                 | 3                  | Somewhat                                                                                                                | 63    | 32.8%   |
|                                 | 4                  | Quite a bit                                                                                                             | 49    | 25.5%   |
|                                 | 5                  | A great deal                                                                                                            | 13    | 6.8%    |

#### a2BCeng\_16

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 610   |       |         |

|                                 |                    |                                                                                                                                 |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A2: During the assignment, I...-Tried to compare the benefits and drawbacks of the new technology in terms of their importance. |    |       |
|                                 | Type               | Numeric                                                                                                                         |    |       |
|                                 | Format             | F8                                                                                                                              |    |       |
|                                 | Measurement        | Scale                                                                                                                           |    |       |
| N                               | Valid              | 179                                                                                                                             |    |       |
|                                 | Missing            | 13                                                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.51                                                                                                                            |    |       |
|                                 | Standard Deviation | 1.008                                                                                                                           |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                            |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                            |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                            |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                      | 8  | 4.2%  |
|                                 | 2                  | A little                                                                                                                        | 18 | 9.4%  |
|                                 | 3                  | Somewhat                                                                                                                        | 54 | 28.1% |
|                                 | 4                  | Quite a bit                                                                                                                     | 73 | 38.0% |
|                                 | 5                  | A great deal                                                                                                                    | 26 | 13.5% |

#### a2BCeng\_17

|                                 |                    | Value                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 611                                                                                                                        |       |         |
|                                 | Label              | A2: During the assignment, I...- Carefully evaluated the accuracy of the evidence that was available for different claims. |       |         |
|                                 | Type               | Numeric                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                      |       |         |
|                                 |                    |                                                                                                                            |       |         |
| N                               | Valid              | 179                                                                                                                        |       |         |
|                                 | Missing            | 13                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.75                                                                                                                       |       |         |
|                                 | Standard Deviation | .988                                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                 | 19    | 9.9%    |
|                                 | 2                  | A little                                                                                                                   | 52    | 27.1%   |
|                                 | 3                  | Somewhat                                                                                                                   | 69    | 35.9%   |
|                                 | 4                  | Quite a bit                                                                                                                | 33    | 17.2%   |
|                                 | 5                  | A great deal                                                                                                               | 6     | 3.1%    |

#### a2BCeng\_18

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 612   |       |         |

|                                 |                    |                                                                                                                    |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A2: During the assignment, I...- Carefully evaluated the relevance of various arguments about this new technology. |    |       |
|                                 | Type               | Numeric                                                                                                            |    |       |
|                                 | Format             | F8                                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                                              |    |       |
| N                               | Valid              | 179                                                                                                                |    |       |
|                                 | Missing            | 13                                                                                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 3.02                                                                                                               |    |       |
|                                 | Standard Deviation | .951                                                                                                               |    |       |
|                                 | Percentile 25      | 2.00                                                                                                               |    |       |
|                                 | Percentile 50      | 3.00                                                                                                               |    |       |
|                                 | Percentile 75      | 4.00                                                                                                               |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 12 | 6.3%  |
|                                 | 2                  | A little                                                                                                           | 35 | 18.2% |
|                                 | 3                  | Somewhat                                                                                                           | 78 | 40.6% |
|                                 | 4                  | Quite a bit                                                                                                        | 46 | 24.0% |
|                                 | 5                  | A great deal                                                                                                       | 8  | 4.2%  |

#### a2BCeng\_19

|                                 |                    | Value                                                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 613                                                                                                                                                          |       |         |
|                                 | Label              | A2: During the assignment, I...- Carefully evaluated how "typical" or common the evidence was, that was presented for different claims about the technology. |       |         |
|                                 | Type               | Numeric                                                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                                                        |       |         |
|                                 |                    |                                                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                                              |       |         |
| N                               | Valid              | 179                                                                                                                                                          |       |         |
|                                 | Missing            | 13                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.74                                                                                                                                                         |       |         |
|                                 | Standard Deviation | 1.039                                                                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                         |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                   | 22    | 11.5%   |
|                                 | 2                  | A little                                                                                                                                                     | 51    | 26.6%   |
|                                 | 3                  | Somewhat                                                                                                                                                     | 65    | 33.9%   |
|                                 | 4                  | Quite a bit                                                                                                                                                  | 33    | 17.2%   |
|                                 | 5                  | A great deal                                                                                                                                                 | 8     | 4.2%    |

#### Q242\_1

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 614   |

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 10.1127            |
|                                 | Standard Deviation | 12.78807           |
|                                 | Percentile 25      | 5.2500             |
|                                 | Percentile 50      | 7.4140             |
|                                 | Percentile 75      | 10.3580            |

### Q242\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
| Value                           |                    |                   |
| Standard Attributes             | Position           | 615               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 179               |
|                                 | Missing            | 13                |
| Central Tendency and Dispersion | Mean               | 128.9965          |
|                                 | Standard Deviation | 72.83776          |
|                                 | Percentile 25      | 85.2230           |
|                                 | Percentile 50      | 112.6330          |
|                                 | Percentile 75      | 145.8020          |

### Q242\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 616                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 130.7291           |
|                                 | Standard Deviation | 72.98290           |
|                                 | Percentile 25      | 86.0140            |
|                                 | Percentile 50      | 113.9420           |
|                                 | Percentile 75      | 147.0710           |

### Q242\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 617                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 179                |
|                                 | Missing            | 13                 |
| Central Tendency and Dispersion | Mean               | 32.9777            |
|                                 | Standard Deviation | 4.00695            |
|                                 | Percentile 25      | 30.0000            |
|                                 | Percentile 50      | 32.0000            |
|                                 | Percentile 75      | 34.0000            |

### Q307

|                     |          |     |
|---------------------|----------|-----|
| Value               |          |     |
| Standard Attributes | Position | 618 |

|                                 |                    |                                                                                                           |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|
|                                 | Label              | Finally, answer the following question.<br>The reason for the question below is to ensure the accurate... |
|                                 | Type               | Numeric                                                                                                   |
|                                 | Format             | F8                                                                                                        |
|                                 | Measurement        | Scale                                                                                                     |
| N                               | Valid              | 179                                                                                                       |
|                                 | Missing            | 13                                                                                                        |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                      |
|                                 | Standard Deviation | .000                                                                                                      |
|                                 | Percentile 25      | 1.00                                                                                                      |
|                                 | Percentile 50      | 1.00                                                                                                      |
|                                 | Percentile 75      | 1.00                                                                                                      |

### a2DataQual

|                                 |                    | Value                                                                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 619                                                                                                      |       |         |
|                                 | Label              | A2: Honesty of assignment evaluation                                                                     |       |         |
|                                 | Type               | Numeric                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                    |       |         |
| N                               | Valid              | 179                                                                                                      |       |         |
|                                 | Missing            | 13                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.22                                                                                                     |       |         |
|                                 | Standard Deviation | .705                                                                                                     |       |         |
|                                 | Percentile 25      | 1.00                                                                                                     |       |         |
|                                 | Percentile 50      | 1.00                                                                                                     |       |         |
|                                 | Percentile 75      | 1.00                                                                                                     |       |         |
| Labeled Values                  | 1                  | Yes, my answers reflect my honest evaluation of the assignment                                           | 161   | 83.9%   |
|                                 | 2                  | No, I answered the questions randomly                                                                    | 5     | 2.6%    |
|                                 | 3                  | No, I felt like I should answer in a certain way, so I gave those answers instead of my honest responses | 5     | 2.6%    |
|                                 | 4                  | Other (Please explain)                                                                                   | 8     | 4.2%    |

### a2DataQual\_TEXT

|                     |             | Value                                     | Count | Percent |
|---------------------|-------------|-------------------------------------------|-------|---------|
| Standard Attributes | Position    | 620                                       |       |         |
|                     | Label       | A2: Honesty of assignment evaluation-TEXT |       |         |
|                     | Type        | String                                    |       |         |
|                     | Format      | A18000                                    |       |         |
|                     | Measurement | Nominal                                   |       |         |
| Valid Values        |             |                                           | 184   | 95.8%   |

|  |                                                                                                                                                                                                                                                                   |  |   |      |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|------|
|  | At the beginning I was honest, and then answered questions randomly.                                                                                                                                                                                              |  | 1 | 0.5% |
|  | I answered many of them honestly, but I started to feel like I was being asked the same thing a million times. So towards the end I just started putting "some" for everything because I was getting a little frustrated and ready to be finished, quite honesty. |  | 1 | 0.5% |
|  | I felt that the assignment was somewhat dull and tedious, but I did try to answer the questions.                                                                                                                                                                  |  | 1 | 0.5% |
|  | I just did it very quickly and wasn't very engaged.                                                                                                                                                                                                               |  | 1 | 0.5% |
|  | I pretty much just told my opinion.                                                                                                                                                                                                                               |  | 1 | 0.5% |
|  | i still dont really understand the whole issue but i have a greater understanding                                                                                                                                                                                 |  | 1 | 0.5% |
|  | I went pretty fast through the assignment                                                                                                                                                                                                                         |  | 1 | 0.5% |
|  | If i didnt understand fully i answered the best i could.                                                                                                                                                                                                          |  | 1 | 0.5% |
|  |                                                                                                                                                                                                                                                                   |  |   |      |

### Q244

|                                 |                    | Value                                                                                              |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 621                                                                                                |
|                                 | Label              | Please Print this Page. You will need to hand it in at your next recitation. This is a record o... |
|                                 | Type               | Numeric                                                                                            |
|                                 | Format             | F8                                                                                                 |
|                                 | Measurement        | Scale                                                                                              |
| N                               | Valid              | 161                                                                                                |
|                                 | Missing            | 31                                                                                                 |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                               |
|                                 | Standard Deviation | .000                                                                                               |
|                                 | Percentile 25      | 1.00                                                                                               |
|                                 | Percentile 50      | 1.00                                                                                               |
|                                 | Percentile 75      | 1.00                                                                                               |

### a3\_alone\_grp

|                     |             | Value                            | Count | Percent |
|---------------------|-------------|----------------------------------|-------|---------|
| Standard Attributes | Position    | 622                              |       |         |
|                     | Label       | assignment 3 alone/grp condition |       |         |
|                     | Type        | Numeric                          |       |         |
|                     | Format      | F11                              |       |         |
|                     | Measurement | Nominal                          |       |         |
| Valid Values        | 1           | alone                            | 90    | 46.9%   |
|                     | 2           | group                            | 99    | 51.6%   |
| Missing Values      | System      |                                  | 3     | 1.6%    |

### a3\_absent

|                     |          | Value   | Count | Percent |
|---------------------|----------|---------|-------|---------|
| Standard Attributes | Position | 623     |       |         |
|                     | Label    | <none>  |       |         |
|                     | Type     | Numeric |       |         |

|                |             |         |     |       |
|----------------|-------------|---------|-----|-------|
|                | Format      | F11     |     |       |
|                | Measurement | Nominal |     |       |
| Valid Values   | 0           |         | 33  | 17.2% |
|                | 1           |         | 7   | 3.6%  |
| Missing Values | System      |         | 152 | 79.2% |

### a3\_grpno

|                                 |                    |              |
|---------------------------------|--------------------|--------------|
| Standard Attributes             | Value              |              |
|                                 | Position           | 624          |
|                                 | Label              | group nubmer |
|                                 | Type               | Numeric      |
|                                 | Format             | F11          |
| N                               | Measurement        | Scale        |
|                                 | Valid              | 183          |
|                                 | Missing            | 9            |
|                                 | Mean               | 21.28        |
|                                 | Standard Deviation | 12.502       |
| Central Tendency and Dispersion | Percentile 25      | 10.00        |
|                                 | Percentile 50      | 21.00        |
|                                 | Percentile 75      | 32.00        |

### a3\_lscn\_paper

|                                 |                    |                                              |       |         |
|---------------------------------|--------------------|----------------------------------------------|-------|---------|
| Standard Attributes             | Value              |                                              | Count | Percent |
|                                 | Position           | 625                                          |       |         |
|                                 | Label              | completed a3 on paper instead of on computer |       |         |
|                                 | Type               | Numeric                                      |       |         |
|                                 | Format             | F11                                          |       |         |
| Valid Values                    | Measurement        | Nominal                                      |       |         |
|                                 | 1                  |                                              | 5     | 2.6%    |
|                                 | Missing            |                                              |       |         |
|                                 | Mean               |                                              |       |         |
|                                 | Standard Deviation |                                              |       |         |
| Central Tendency and Dispersion | Percentile 25      |                                              |       |         |
|                                 | Percentile 50      |                                              |       |         |
|                                 | Percentile 75      |                                              |       |         |

### Q7

|                                 |                    |                                |
|---------------------------------|--------------------|--------------------------------|
| Standard Attributes             | Value              |                                |
|                                 | Position           | 626                            |
|                                 | Label              | ELSI Questions in Nanogenomics |
|                                 | Type               | Numeric                        |
|                                 | Format             | F8                             |
| N                               | Measurement        | Scale                          |
|                                 | Valid              | 179                            |
|                                 | Missing            | 13                             |
|                                 | Mean               | 1.00                           |
|                                 | Standard Deviation | .000                           |
| Central Tendency and Dispersion | Percentile 25      | 1.00                           |
|                                 | Percentile 50      | 1.00                           |
|                                 | Percentile 75      | 1.00                           |

### a3\_REC1

|                     |          |     |       |         |
|---------------------|----------|-----|-------|---------|
| Standard Attributes | Value    |     | Count | Percent |
|                     | Position | 627 |       |         |

|                |             |                                                           |    |       |
|----------------|-------------|-----------------------------------------------------------|----|-------|
|                | Label       | A3: Recitation-<br>Recitation section<br>number (151-157) |    |       |
|                | Type        | Numeric                                                   |    |       |
|                | Format      | F3                                                        |    |       |
|                | Measurement | Nominal                                                   |    |       |
| Valid Values   | 151         |                                                           | 29 | 15.1% |
|                | 152         |                                                           | 22 | 11.5% |
|                | 153         |                                                           | 27 | 14.1% |
|                | 154         |                                                           | 31 | 16.1% |
|                | 155         |                                                           | 22 | 11.5% |
|                | 156         |                                                           | 22 | 11.5% |
|                | 157         |                                                           | 26 | 13.5% |
| Missing Values | System      |                                                           | 13 | 6.8%  |

### a3\_recinstr\_anon

|                     |             | Value                                              | Count | Percent |
|---------------------|-------------|----------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 628                                                |       |         |
|                     | Label       | recitation instructor<br>number instead of<br>name |       |         |
|                     | Type        | Numeric                                            |       |         |
|                     | Format      | F8.2                                               |       |         |
|                     | Measurement | Nominal                                            |       |         |
| Valid Values        | 1.00        |                                                    | 48    | 25.0%   |
|                     | 2.00        |                                                    | 27    | 14.1%   |
|                     | 3.00        |                                                    | 53    | 27.6%   |
|                     | 4.00        |                                                    | 22    | 11.5%   |
|                     | 5.00        |                                                    | 29    | 15.1%   |
| Missing Values      | -99.00      |                                                    | 13    | 6.8%    |

### Q8

|                                 |                    | Value                                                                                                               |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 629                                                                                                                 |
|                                 | Label              | NOTICE<br>Do not<br>continue past this<br>page unless your<br>recitation instructor<br>has directed you to<br>do... |
|                                 | Type               | Numeric                                                                                                             |
|                                 | Format             | F8                                                                                                                  |
|                                 | Measurement        | Scale                                                                                                               |
|                                 |                    |                                                                                                                     |
| N                               | Valid              | 179                                                                                                                 |
|                                 | Missing            | 13                                                                                                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                |
|                                 | Standard Deviation | .000                                                                                                                |
|                                 | Percentile 25      | 1.00                                                                                                                |
|                                 | Percentile 50      | 1.00                                                                                                                |
|                                 | Percentile 75      | 1.00                                                                                                                |

### Q25

|                                 |                    | Value                                                          |
|---------------------------------|--------------------|----------------------------------------------------------------|
| Standard Attributes             | Position           | 630                                                            |
|                                 | Label              | Answers to the Overarching Questions                           |
|                                 |                    | Now that you have considered some scenarios involving nanog... |
|                                 | Type               | Numeric                                                        |
|                                 | Format             | F8                                                             |
|                                 | Measurement        | Scale                                                          |
| N                               | Valid              | 177                                                            |
|                                 | Missing            | 15                                                             |
| Central Tendency and Dispersion | Mean               | 1.00                                                           |
|                                 | Standard Deviation | .000                                                           |
|                                 | Percentile 25      | 1.00                                                           |
|                                 | Percentile 50      | 1.00                                                           |
|                                 | Percentile 75      | 1.00                                                           |

### a3\_riskben

|                                 |                    | Value                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 631                                      |       |         |
|                                 | Label              | A3: Risks/Bens                           |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
| N                               | Valid              | 177                                      |       |         |
|                                 | Missing            | 15                                       |       |         |
| Central Tendency and Dispersion | Mean               | 4.62                                     |       |         |
|                                 | Standard Deviation | 1.627                                    |       |         |
|                                 | Percentile 25      | 3.00                                     |       |         |
|                                 | Percentile 50      | 5.00                                     |       |         |
|                                 | Percentile 75      | 6.00                                     |       |         |
| Labeled Values                  | 1                  | The risks greatly outweigh the benefits  | 4     | 2.1%    |
|                                 | 2                  | The risks somewhat outweigh the benefits | 24    | 12.5%   |
|                                 | 3                  | The risks slightly outweigh the benefits | 18    | 9.4%    |
|                                 | 4                  | The risks and benefits are equal         | 25    | 13.0%   |
|                                 | 5                  | The benefits slightly outweigh the risks | 40    | 20.8%   |
|                                 | 6                  | The benefits somewhat outweigh the risks | 50    | 26.0%   |
|                                 | 7                  | The benefits greatly outweigh the risks  | 16    | 8.3%    |

### a3\_regslid

|                     |          | Value                             |
|---------------------|----------|-----------------------------------|
| Standard Attributes | Position | 632                               |
|                     | Label    | A3: Risks/Bens Slider-None at all |

|                                 |                    |          |
|---------------------------------|--------------------|----------|
|                                 | Type               | Numeric  |
|                                 | Format             | F8.2     |
|                                 | Measurement        | Scale    |
| N                               | Valid              | 177      |
|                                 | Missing            | 15       |
| Central Tendency and Dispersion | Mean               | 68.8588  |
|                                 | Standard Deviation | 20.54616 |
|                                 | Percentile 25      | 54.0000  |
|                                 | Percentile 50      | 74.0000  |
|                                 | Percentile 75      | 84.0000  |

### Q26

|                                 |                                                                               |                     |
|---------------------------------|-------------------------------------------------------------------------------|---------------------|
| Standard Attributes             | Value                                                                         |                     |
|                                 | Position                                                                      | 633                 |
|                                 | Label                                                                         | Activity Evaluation |
|                                 | And lastly, once again, to assist in improving these activities for future... |                     |
|                                 | Type                                                                          | Numeric             |
|                                 | Format                                                                        | F8                  |
|                                 | Measurement                                                                   | Scale               |
|                                 | Valid                                                                         | 177                 |
|                                 | Missing                                                                       | 15                  |
| Central Tendency and Dispersion | Mean                                                                          | 1.00                |
|                                 | Standard Deviation                                                            | .000                |
|                                 | Percentile 25                                                                 | 1.00                |
|                                 | Percentile 50                                                                 | 1.00                |
|                                 | Percentile 75                                                                 | 1.00                |

### a3useful

|                                 |                    | Value                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 634                                    |       |         |
|                                 | Label              | A3: How useful were today's activities |       |         |
|                                 | Type               | Numeric                                |       |         |
|                                 | Format             | F8                                     |       |         |
|                                 | Measurement        | Scale                                  |       |         |
|                                 |                    |                                        |       |         |
| N                               | Valid              | 177                                    |       |         |
|                                 | Missing            | 15                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.84                                   |       |         |
|                                 | Standard Deviation | .777                                   |       |         |
|                                 | Percentile 25      | 3.00                                   |       |         |
|                                 | Percentile 50      | 4.00                                   |       |         |
|                                 | Percentile 75      | 4.00                                   |       |         |
| Labeled Values                  | 1                  | Not at all                             | 1     | 0.5%    |
|                                 | 2                  | Slightly                               | 6     | 3.1%    |
|                                 | 3                  | Somewhat                               | 46    | 24.0%   |
|                                 | 4                  | Quite                                  | 92    | 47.9%   |
|                                 | 5                  | Extremely                              | 32    | 16.7%   |

### a3lscnAeng\_1

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 635   |       |         |

|                                 |                    |                                             |    |       |
|---------------------------------|--------------------|---------------------------------------------|----|-------|
|                                 | Label              | A3: During assignment, I felt...-Interested |    |       |
|                                 | Type               | Numeric                                     |    |       |
|                                 | Format             | F8                                          |    |       |
|                                 | Measurement        | Scale                                       |    |       |
| N                               | Valid              | 177                                         |    |       |
|                                 | Missing            | 15                                          |    |       |
| Central Tendency and Dispersion | Mean               | 3.85                                        |    |       |
|                                 | Standard Deviation | .895                                        |    |       |
|                                 | Percentile 25      | 3.00                                        |    |       |
|                                 | Percentile 50      | 4.00                                        |    |       |
|                                 | Percentile 75      | 4.00                                        |    |       |
| Labeled Values                  | 1                  | Not at all                                  | 1  | 0.5%  |
|                                 | 2                  | Just a little                               | 15 | 7.8%  |
|                                 | 3                  | Some                                        | 35 | 18.2% |
|                                 | 4                  | Quite a bit                                 | 85 | 44.3% |
|                                 | 5                  | A great deal                                | 41 | 21.4% |

### a3lscnAeng\_2

|                                 |                    | Value                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 636                                      |       |         |
|                                 | Label              | A3: During assignment, I felt...-Annoyed |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
| N                               | Valid              | 177                                      |       |         |
|                                 | Missing            | 15                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.81                                     |       |         |
|                                 | Standard Deviation | .956                                     |       |         |
|                                 | Percentile 25      | 1.00                                     |       |         |
|                                 | Percentile 50      | 2.00                                     |       |         |
|                                 | Percentile 75      | 2.00                                     |       |         |
| Labeled Values                  | 1                  | Not at all                               | 88    | 45.8%   |
|                                 | 2                  | Just a little                            | 46    | 24.0%   |
|                                 | 3                  | Some                                     | 31    | 16.1%   |
|                                 | 4                  | Quite a bit                              | 12    | 6.3%    |
|                                 | 5                  | A great deal                             | 0     | 0.0%    |

### a3lscnAeng\_3

|                     |             | Value                                        | Count | Percent |
|---------------------|-------------|----------------------------------------------|-------|---------|
| Standard Attributes | Position    | 637                                          |       |         |
|                     | Label       | A3: During assignment, I felt...-Open-minded |       |         |
|                     | Type        | Numeric                                      |       |         |
|                     | Format      | F8                                           |       |         |
|                     | Measurement | Scale                                        |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 177           |    |       |
|                                 | Missing            | 15            |    |       |
| Central Tendency and Dispersion | Mean               | 3.72          |    |       |
|                                 | Standard Deviation | .844          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 4.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 1  | 0.5%  |
|                                 | 2                  | Just a little | 14 | 7.3%  |
|                                 | 3                  | Some          | 46 | 24.0% |
|                                 | 4                  | Quite a bit   | 88 | 45.8% |
|                                 | 5                  | A great deal  | 28 | 14.6% |

#### a3lscnAeng\_4

|                                 |                    | Value                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------|-------|---------|
| Standard Attributes             | Position           | 638                                     |       |         |
|                                 | Label              | A3: During assignment, I felt...- Bored |       |         |
|                                 | Type               | Numeric                                 |       |         |
|                                 | Format             | F8                                      |       |         |
|                                 | Measurement        | Scale                                   |       |         |
| N                               | Valid              | 177                                     |       |         |
|                                 | Missing            | 15                                      |       |         |
| Central Tendency and Dispersion | Mean               | 1.81                                    |       |         |
|                                 | Standard Deviation | .946                                    |       |         |
|                                 | Percentile 25      | 1.00                                    |       |         |
|                                 | Percentile 50      | 2.00                                    |       |         |
|                                 | Percentile 75      | 2.00                                    |       |         |
| Labeled Values                  | 1                  | Not at all                              | 82    | 42.7%   |
|                                 | 2                  | Just a little                           | 62    | 32.3%   |
|                                 | 3                  | Some                                    | 20    | 10.4%   |
|                                 | 4                  | Quite a bit                             | 11    | 5.7%    |
|                                 | 5                  | A great deal                            | 2     | 1.0%    |

#### a3lscnAeng\_5

|                                 |                    | Value                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 639                                       |       |         |
|                                 | Label              | A3: During assignment, I felt...- Focused |       |         |
|                                 | Type               | Numeric                                   |       |         |
|                                 | Format             | F8                                        |       |         |
|                                 | Measurement        | Scale                                     |       |         |
| N                               | Valid              | 177                                       |       |         |
|                                 | Missing            | 15                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.84                                      |       |         |
|                                 | Standard Deviation | .824                                      |       |         |
|                                 | Percentile 25      | 3.00                                      |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 4.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 1  | 0.5%  |
|                | 2             | Just a little | 10 | 5.2%  |
|                | 3             | Some          | 40 | 20.8% |
|                | 4             | Quite a bit   | 91 | 47.4% |
|                | 5             | A great deal  | 35 | 18.2% |

#### a3lscnAeng\_6

|                                 |                    | Value                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 640                                          |       |         |
|                                 | Label              | A3: During assignment, I felt...- Frustrated |       |         |
|                                 | Type               | Numeric                                      |       |         |
|                                 | Format             | F8                                           |       |         |
|                                 | Measurement        | Scale                                        |       |         |
| N                               | Valid              | 177                                          |       |         |
|                                 | Missing            | 15                                           |       |         |
| Central Tendency and Dispersion | Mean               | 1.90                                         |       |         |
|                                 | Standard Deviation | .958                                         |       |         |
|                                 | Percentile 25      | 1.00                                         |       |         |
|                                 | Percentile 50      | 2.00                                         |       |         |
|                                 | Percentile 75      | 3.00                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                   | 77    | 40.1%   |
|                                 | 2                  | Just a little                                | 52    | 27.1%   |
|                                 | 3                  | Some                                         | 37    | 19.3%   |
|                                 | 4                  | Quite a bit                                  | 10    | 5.2%    |
|                                 | 5                  | A great deal                                 | 1     | 0.5%    |

#### a3lscnAeng\_7

|                                 |                    | Value                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 641                                           |       |         |
|                                 | Label              | A3: During assignment, I felt...- Competitive |       |         |
|                                 | Type               | Numeric                                       |       |         |
|                                 | Format             | F8                                            |       |         |
|                                 | Measurement        | Scale                                         |       |         |
| N                               | Valid              | 177                                           |       |         |
|                                 | Missing            | 15                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.49                                          |       |         |
|                                 | Standard Deviation | 1.244                                         |       |         |
|                                 | Percentile 25      | 1.00                                          |       |         |
|                                 | Percentile 50      | 3.00                                          |       |         |
|                                 | Percentile 75      | 4.00                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                    | 55    | 28.6%   |
|                                 | 2                  | Just a little                                 | 33    | 17.2%   |
|                                 | 3                  | Some                                          | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                   | 38    | 19.8%   |
|                                 | 5                  | A great deal                                  | 7     | 3.6%    |

a3lscnAeng\_8

|                                 |                    | Value                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 642                                      |       |         |
|                                 | Label              | A3: During assignment, I felt...- Closed |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
|                                 |                    |                                          |       |         |
| N                               | Valid              | 177                                      |       |         |
|                                 | Missing            | 15                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.68                                     |       |         |
|                                 | Standard Deviation | .821                                     |       |         |
|                                 | Percentile 25      | 1.00                                     |       |         |
|                                 | Percentile 50      | 1.00                                     |       |         |
|                                 | Percentile 75      | 2.00                                     |       |         |
| Labeled Values                  | 1                  | Not at all                               | 90    | 46.9%   |
|                                 | 2                  | Just a little                            | 60    | 31.3%   |
|                                 | 3                  | Some                                     | 22    | 11.5%   |
|                                 | 4                  | Quite a bit                              | 4     | 2.1%    |
|                                 | 5                  | A great deal                             | 1     | 0.5%    |

a3lscnAeng\_9

|                                 |                    | Value                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 643                                        |       |         |
|                                 | Label              | A3: During assignment, I felt...- Creative |       |         |
|                                 | Type               | Numeric                                    |       |         |
|                                 | Format             | F8                                         |       |         |
|                                 | Measurement        | Scale                                      |       |         |
|                                 |                    |                                            |       |         |
| N                               | Valid              | 177                                        |       |         |
|                                 | Missing            | 15                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.29                                       |       |         |
|                                 | Standard Deviation | .967                                       |       |         |
|                                 | Percentile 25      | 3.00                                       |       |         |
|                                 | Percentile 50      | 3.00                                       |       |         |
|                                 | Percentile 75      | 4.00                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                 | 6     | 3.1%    |
|                                 | 2                  | Just a little                              | 29    | 15.1%   |
|                                 | 3                  | Some                                       | 66    | 34.4%   |
|                                 | 4                  | Quite a bit                                | 59    | 30.7%   |
|                                 | 5                  | A great deal                               | 17    | 8.9%    |

a3lscnAeng\_10

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 644   |       |         |

|                                 |                    |                                                                            |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------|----|-------|
|                                 | Label              | A3: During assignment, I felt...- Like I wished I was doing something else |    |       |
|                                 | Type               | Numeric                                                                    |    |       |
|                                 | Format             | F8                                                                         |    |       |
|                                 | Measurement        | Scale                                                                      |    |       |
| N                               | Valid              | 177                                                                        |    |       |
|                                 | Missing            | 15                                                                         |    |       |
| Central Tendency and Dispersion | Mean               | 2.11                                                                       |    |       |
|                                 | Standard Deviation | 1.038                                                                      |    |       |
|                                 | Percentile 25      | 1.00                                                                       |    |       |
|                                 | Percentile 50      | 2.00                                                                       |    |       |
|                                 | Percentile 75      | 3.00                                                                       |    |       |
| Labeled Values                  | 1                  | Not at all                                                                 | 56 | 29.2% |
|                                 | 2                  | Just a little                                                              | 69 | 35.9% |
|                                 | 3                  | Some                                                                       | 34 | 17.7% |
|                                 | 4                  | Quite a bit                                                                | 12 | 6.3%  |
|                                 | 5                  | A great deal                                                               | 6  | 3.1%  |

#### a3lscnAeng\_11

|                                 |                    | Value                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 645                                                      |       |         |
|                                 | Label              | A3: During assignment, I felt...- Like working carefully |       |         |
|                                 | Type               | Numeric                                                  |       |         |
|                                 | Format             | F8                                                       |       |         |
|                                 | Measurement        | Scale                                                    |       |         |
|                                 |                    |                                                          |       |         |
| N                               | Valid              | 177                                                      |       |         |
|                                 | Missing            | 15                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.55                                                     |       |         |
|                                 | Standard Deviation | .838                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                               | 3     | 1.6%    |
|                                 | 2                  | Just a little                                            | 11    | 5.7%    |
|                                 | 3                  | Some                                                     | 68    | 35.4%   |
|                                 | 4                  | Quite a bit                                              | 75    | 39.1%   |
|                                 | 5                  | A great deal                                             | 20    | 10.4%   |

#### a3lscnAeng\_12

|                     |          | Value                                                              | Count | Percent |
|---------------------|----------|--------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 646                                                                |       |         |
|                     | Label    | A3: During assignment, I felt...- Like my mind was already made up |       |         |
|                     | Type     | Numeric                                                            |       |         |
|                     | Format   | F8                                                                 |       |         |
|                     |          |                                                                    |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 177           |    |       |
|                                 | Missing            | 15            |    |       |
| Central Tendency and Dispersion | Mean               | 2.62          |    |       |
|                                 | Standard Deviation | 1.028         |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 25 | 13.0% |
|                                 | 2                  | Just a little | 59 | 30.7% |
|                                 | 3                  | Some          | 58 | 30.2% |
|                                 | 4                  | Quite a bit   | 29 | 15.1% |
|                                 | 5                  | A great deal  | 6  | 3.1%  |

### a3lscnAeng\_13

|                                 |                    |                                               |       |         |
|---------------------------------|--------------------|-----------------------------------------------|-------|---------|
|                                 |                    | Value                                         | Count | Percent |
| Standard Attributes             | Position           | 647                                           |       |         |
|                                 | Label              | A3: During assignment, I felt...- Responsible |       |         |
|                                 | Type               | Numeric                                       |       |         |
|                                 | Format             | F8                                            |       |         |
|                                 | Measurement        | Scale                                         |       |         |
| N                               | Valid              | 177                                           |       |         |
|                                 | Missing            | 15                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.49                                          |       |         |
|                                 | Standard Deviation | .966                                          |       |         |
|                                 | Percentile 25      | 3.00                                          |       |         |
|                                 | Percentile 50      | 4.00                                          |       |         |
|                                 | Percentile 75      | 4.00                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                    | 6     | 3.1%    |
|                                 | 2                  | Just a little                                 | 20    | 10.4%   |
|                                 | 3                  | Some                                          | 54    | 28.1%   |
|                                 | 4                  | Quite a bit                                   | 75    | 39.1%   |
|                                 | 5                  | A great deal                                  | 22    | 11.5%   |

### a3lscnAeng\_14

|                                 |                    |                                           |       |         |
|---------------------------------|--------------------|-------------------------------------------|-------|---------|
|                                 |                    | Value                                     | Count | Percent |
| Standard Attributes             | Position           | 648                                       |       |         |
|                                 | Label              | A3: During assignment, I felt...- Engaged |       |         |
|                                 | Type               | Numeric                                   |       |         |
|                                 | Format             | F8                                        |       |         |
|                                 | Measurement        | Scale                                     |       |         |
| N                               | Valid              | 177                                       |       |         |
|                                 | Missing            | 15                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.75                                      |       |         |
|                                 | Standard Deviation | .858                                      |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 25 | 3.00          |    |       |
|                | Percentile 50 | 4.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 1  | 0.5%  |
|                | 2             | Just a little | 13 | 6.8%  |
|                | 3             | Some          | 48 | 25.0% |
|                | 4             | Quite a bit   | 83 | 43.2% |
|                | 5             | A great deal  | 32 | 16.7% |

#### a3lscnAeng\_15

|                                 |                    | Value                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 649                                          |       |         |
|                                 | Label              | A3: During assignment, I felt...- Distracted |       |         |
|                                 | Type               | Numeric                                      |       |         |
|                                 | Format             | F8                                           |       |         |
|                                 | Measurement        | Scale                                        |       |         |
|                                 |                    |                                              |       |         |
| N                               | Valid              | 177                                          |       |         |
|                                 | Missing            | 15                                           |       |         |
| Central Tendency and Dispersion | Mean               | 1.66                                         |       |         |
|                                 | Standard Deviation | .818                                         |       |         |
|                                 | Percentile 25      | 1.00                                         |       |         |
|                                 | Percentile 50      | 1.00                                         |       |         |
|                                 | Percentile 75      | 2.00                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                   | 92    | 47.9%   |
|                                 | 2                  | Just a little                                | 60    | 31.3%   |
|                                 | 3                  | Some                                         | 18    | 9.4%    |
|                                 | 4                  | Quite a bit                                  | 7     | 3.6%    |
|                                 | 5                  | A great deal                                 | 0     | 0.0%    |

#### a3lscnAeng\_16

|                                 |                    | Value                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 650                                             |       |         |
|                                 | Label              | A3: During assignment, I felt...- Conscientious |       |         |
|                                 | Type               | Numeric                                         |       |         |
|                                 | Format             | F8                                              |       |         |
|                                 | Measurement        | Scale                                           |       |         |
|                                 |                    |                                                 |       |         |
| N                               | Valid              | 177                                             |       |         |
|                                 | Missing            | 15                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.50                                            |       |         |
|                                 | Standard Deviation | .960                                            |       |         |
|                                 | Percentile 25      | 3.00                                            |       |         |
|                                 | Percentile 50      | 4.00                                            |       |         |
|                                 | Percentile 75      | 4.00                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                      | 6     | 3.1%    |
|                                 | 2                  | Just a little                                   | 19    | 9.9%    |
|                                 | 3                  | Some                                            | 54    | 28.1%   |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 4 | Quite a bit  | 76 | 39.6% |
|  | 5 | A great deal | 22 | 11.5% |

### a3lscnAeng\_17

|                                 |                    | Value                                          | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 651                                            |       |         |
|                                 | Label              | A3: During assignment, I felt...-Argumentative |       |         |
|                                 | Type               | Numeric                                        |       |         |
|                                 | Format             | F8                                             |       |         |
|                                 | Measurement        | Scale                                          |       |         |
| N                               | Valid              | 177                                            |       |         |
|                                 | Missing            | 15                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.07                                           |       |         |
|                                 | Standard Deviation | 1.138                                          |       |         |
|                                 | Percentile 25      | 2.00                                           |       |         |
|                                 | Percentile 50      | 3.00                                           |       |         |
|                                 | Percentile 75      | 4.00                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                     | 18    | 9.4%    |
|                                 | 2                  | Just a little                                  | 36    | 18.8%   |
|                                 | 3                  | Some                                           | 56    | 29.2%   |
|                                 | 4                  | Quite a bit                                    | 49    | 25.5%   |
|                                 | 5                  | A great deal                                   | 18    | 9.4%    |

### a3lscnAeng\_18

|                                 |                    | Value                                                | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 652                                                  |       |         |
|                                 | Label              | A3: During assignment, I felt...-Like being thorough |       |         |
|                                 | Type               | Numeric                                              |       |         |
|                                 | Format             | F8                                                   |       |         |
|                                 | Measurement        | Scale                                                |       |         |
| N                               | Valid              | 177                                                  |       |         |
|                                 | Missing            | 15                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.55                                                 |       |         |
|                                 | Standard Deviation | .879                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                           | 3     | 1.6%    |
|                                 | 2                  | Just a little                                        | 17    | 8.9%    |
|                                 | 3                  | Some                                                 | 57    | 29.7%   |
|                                 | 4                  | Quite a bit                                          | 80    | 41.7%   |
|                                 | 5                  | A great deal                                         | 20    | 10.4%   |

### a3lscBCeng\_1

|  | Value | Count | Percent |
|--|-------|-------|---------|
|--|-------|-------|---------|

|                                 |                    |                                                                               |    |       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 653                                                                           |    |       |
|                                 | Label              | A3: During assignment, I...- Discussed my ideas about the topics with others. |    |       |
|                                 | Type               | Numeric                                                                       |    |       |
|                                 | Format             | F8                                                                            |    |       |
|                                 | Measurement        | Scale                                                                         |    |       |
|                                 |                    |                                                                               |    |       |
| N                               | Valid              | 177                                                                           |    |       |
|                                 | Missing            | 15                                                                            |    |       |
| Central Tendency and Dispersion | Mean               | 2.93                                                                          |    |       |
|                                 | Standard Deviation | 1.530                                                                         |    |       |
|                                 | Percentile 25      | 1.00                                                                          |    |       |
|                                 | Percentile 50      | 3.00                                                                          |    |       |
|                                 | Percentile 75      | 4.00                                                                          |    |       |
| Labeled Values                  | 1                  | Not at all                                                                    | 54 | 28.1% |
|                                 | 2                  | A little                                                                      | 14 | 7.3%  |
|                                 | 3                  | Somewhat                                                                      | 37 | 19.3% |
|                                 | 4                  | Quite a bit                                                                   | 35 | 18.2% |
|                                 | 5                  | A great deal                                                                  | 37 | 19.3% |

#### a3lscBCeng\_15

|                                 |                    | Value                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 654                                                                                      |       |         |
|                                 | Label              | A3: During assignment, I...- Asked others what they thought about the topics and issues. |       |         |
|                                 | Type               | Numeric                                                                                  |       |         |
|                                 | Format             | F8                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                    |       |         |
|                                 |                    |                                                                                          |       |         |
| N                               | Valid              | 177                                                                                      |       |         |
|                                 | Missing            | 15                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.69                                                                                     |       |         |
|                                 | Standard Deviation | 1.331                                                                                    |       |         |
|                                 | Percentile 25      | 1.00                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                               | 52    | 27.1%   |
|                                 | 2                  | A little                                                                                 | 23    | 12.0%   |
|                                 | 3                  | Somewhat                                                                                 | 43    | 22.4%   |
|                                 | 4                  | Quite a bit                                                                              | 46    | 24.0%   |
|                                 | 5                  | A great deal                                                                             | 13    | 6.8%    |

#### a3lscBCeng\_2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 655   |       |         |

|                                 |                    |                                                                                                                     |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A3: During assignment, I...-Tried to think about how the topics I was reading about related to other things I know. |    |       |
|                                 | Type               | Numeric                                                                                                             |    |       |
|                                 | Format             | F8                                                                                                                  |    |       |
|                                 | Measurement        | Scale                                                                                                               |    |       |
| N                               | Valid              | 177                                                                                                                 |    |       |
|                                 | Missing            | 15                                                                                                                  |    |       |
| Central Tendency and Dispersion | Mean               | 3.47                                                                                                                |    |       |
|                                 | Standard Deviation | 1.000                                                                                                               |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                          | 9  | 4.7%  |
|                                 | 2                  | A little                                                                                                            | 17 | 8.9%  |
|                                 | 3                  | Somewhat                                                                                                            | 54 | 28.1% |
|                                 | 4                  | Quite a bit                                                                                                         | 75 | 39.1% |
|                                 | 5                  | A great deal                                                                                                        | 22 | 11.5% |

#### a3lscBCeng\_3

|                                 |                    | Value                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 656                                                                                                                            |       |         |
|                                 | Label              | A3: During assignment, I...-Checked myself to see how well I understood the issues related to the topics I was learning about. |       |         |
|                                 | Type               | Numeric                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                |       |         |
| N                               | Valid              | 177                                                                                                                            |       |         |
|                                 | Missing            | 15                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.14                                                                                                                           |       |         |
|                                 | Standard Deviation | .973                                                                                                                           |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                     | 7     | 3.6%    |
|                                 | 2                  | A little                                                                                                                       | 39    | 20.3%   |
|                                 | 3                  | Somewhat                                                                                                                       | 67    | 34.9%   |
|                                 | 4                  | Quite a bit                                                                                                                    | 51    | 26.6%   |
|                                 | 5                  | A great deal                                                                                                                   | 13    | 6.8%    |

#### a3lscBCeng\_4

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 657   |       |         |

|                                 |                    |                                                                                |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A3: During assignment, I...-Took notes about the issues related to the topics. |    |       |
|                                 | Type               | Numeric                                                                        |    |       |
|                                 | Format             | F8                                                                             |    |       |
|                                 | Measurement        | Scale                                                                          |    |       |
| N                               | Valid              | 177                                                                            |    |       |
|                                 | Missing            | 15                                                                             |    |       |
| Central Tendency and Dispersion | Mean               | 1.81                                                                           |    |       |
|                                 | Standard Deviation | 1.036                                                                          |    |       |
|                                 | Percentile 25      | 1.00                                                                           |    |       |
|                                 | Percentile 50      | 1.00                                                                           |    |       |
|                                 | Percentile 75      | 2.00                                                                           |    |       |
| Labeled Values                  | 1                  | Not at all                                                                     | 94 | 49.0% |
|                                 | 2                  | A little                                                                       | 40 | 20.8% |
|                                 | 3                  | Somewhat                                                                       | 27 | 14.1% |
|                                 | 4                  | Quite a bit                                                                    | 14 | 7.3%  |
|                                 | 5                  | A great deal                                                                   | 2  | 1.0%  |

#### a3lscBCeng\_5

|                                 |                    | Value                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 658                                                                                  |       |         |
|                                 | Label              | A3: During assignment, I...- Identified questions that I still had about the topics. |       |         |
|                                 | Type               | Numeric                                                                              |       |         |
|                                 | Format             | F8                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                |       |         |
|                                 |                    |                                                                                      |       |         |
| N                               | Valid              | 177                                                                                  |       |         |
|                                 | Missing            | 15                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.12                                                                                 |       |         |
|                                 | Standard Deviation | .943                                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                           | 7     | 3.6%    |
|                                 | 2                  | A little                                                                             | 36    | 18.8%   |
|                                 | 3                  | Somewhat                                                                             | 75    | 39.1%   |
|                                 | 4                  | Quite a bit                                                                          | 47    | 24.5%   |
|                                 | 5                  | A great deal                                                                         | 12    | 6.3%    |

#### a3lscBCeng\_6

|                     |          | Value                                                                               | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 659                                                                                 |       |         |
|                     | Label    | A3: During assignment, I...-Tried to find answers to my questions about the topics. |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
|                                 | Type               | Numeric      |    |       |
|                                 | Format             | F8           |    |       |
|                                 | Measurement        | Scale        |    |       |
| N                               | Valid              | 177          |    |       |
|                                 | Missing            | 15           |    |       |
| Central Tendency and Dispersion | Mean               | 2.99         |    |       |
|                                 | Standard Deviation | 1.042        |    |       |
|                                 | Percentile 25      | 2.00         |    |       |
|                                 | Percentile 50      | 3.00         |    |       |
|                                 | Percentile 75      | 4.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 15 | 7.8%  |
|                                 | 2                  | A little     | 42 | 21.9% |
|                                 | 3                  | Somewhat     | 58 | 30.2% |
|                                 | 4                  | Quite a bit  | 53 | 27.6% |
|                                 | 5                  | A great deal | 9  | 4.7%  |

### a3lscBCeng\_7

|                                 |                    | Value                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 660                                                                                                       |       |         |
|                                 | Label              | A3: During assignment, I...- Explored topics related to the subject in order to satisfy my own curiosity. |       |         |
|                                 | Type               | Numeric                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                     |       |         |
|                                 |                    |                                                                                                           |       |         |
| N                               | Valid              | 177                                                                                                       |       |         |
|                                 | Missing            | 15                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.50                                                                                                      |       |         |
|                                 | Standard Deviation | 1.108                                                                                                     |       |         |
|                                 | Percentile 25      | 2.00                                                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                | 42    | 21.9%   |
|                                 | 2                  | A little                                                                                                  | 44    | 22.9%   |
|                                 | 3                  | Somewhat                                                                                                  | 57    | 29.7%   |
|                                 | 4                  | Quite a bit                                                                                               | 29    | 15.1%   |
|                                 | 5                  | A great deal                                                                                              | 5     | 2.6%    |

### a3lscBCeng\_11

|                     |          | Value                                                                  | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 661                                                                    |       |         |
|                     | Label    | A3: During assignment, I...-Did some of my own research on the topics. |       |         |
|                     | Type     | Numeric                                                                |       |         |
|                     | Format   | F8                                                                     |       |         |
|                     |          |                                                                        |       |         |

|                                 | Measurement        | Scale        |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| N                               | Valid              | 177          |    |       |
|                                 | Missing            | 15           |    |       |
| Central Tendency and Dispersion | Mean               | 2.00         |    |       |
|                                 | Standard Deviation | 1.022        |    |       |
|                                 | Percentile 25      | 1.00         |    |       |
|                                 | Percentile 50      | 2.00         |    |       |
|                                 | Percentile 75      | 3.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 74 | 38.5% |
|                                 | 2                  | A little     | 46 | 24.0% |
|                                 | 3                  | Somewhat     | 41 | 21.4% |
|                                 | 4                  | Quite a bit  | 15 | 7.8%  |
|                                 | 5                  | A great deal | 1  | 0.5%  |

### a3lscBCeng\_12

|                                 |                    | Value                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 662                                                                                                              |       |         |
|                                 | Label              | A3: During assignment, I...- Visited the links and other additional resources listed in the background document. |       |         |
|                                 | Type               | Numeric                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                            |       |         |
|                                 |                    |                                                                                                                  |       |         |
| N                               | Valid              | 177                                                                                                              |       |         |
|                                 | Missing            | 15                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.01                                                                                                             |       |         |
|                                 | Standard Deviation | 1.113                                                                                                            |       |         |
|                                 | Percentile 25      | 1.00                                                                                                             |       |         |
|                                 | Percentile 50      | 2.00                                                                                                             |       |         |
|                                 | Percentile 75      | 3.00                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                       | 81    | 42.2%   |
|                                 | 2                  | A little                                                                                                         | 37    | 19.3%   |
|                                 | 3                  | Somewhat                                                                                                         | 38    | 19.8%   |
|                                 | 4                  | Quite a bit                                                                                                      | 18    | 9.4%    |
|                                 | 5                  | A great deal                                                                                                     | 3     | 1.6%    |

### a3lscBCeng\_13

|                     |             | Value                                                                                                      | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 663                                                                                                        |       |         |
|                     | Label       | A3: During assignment, I...-Tried to think creatively about the impacts of this new technology on society. |       |         |
|                     | Type        | Numeric                                                                                                    |       |         |
|                     | Format      | F8                                                                                                         |       |         |
|                     | Measurement | Scale                                                                                                      |       |         |
|                     |             |                                                                                                            |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| N                               | Valid              | 177          |    |       |
|                                 | Missing            | 15           |    |       |
| Central Tendency and Dispersion | Mean               | 3.75         |    |       |
|                                 | Standard Deviation | .871         |    |       |
|                                 | Percentile 25      | 3.00         |    |       |
|                                 | Percentile 50      | 4.00         |    |       |
|                                 | Percentile 75      | 4.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 2  | 1.0%  |
|                                 | 2                  | A little     | 13 | 6.8%  |
|                                 | 3                  | Somewhat     | 44 | 22.9% |
|                                 | 4                  | Quite a bit  | 87 | 45.3% |
|                                 | 5                  | A great deal | 31 | 16.1% |

### a3lscBCeng\_20

|                                 |                    | Value                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 664                                                                                                                               |       |         |
|                                 | Label              | A3: During assignment, I...-Tried to identify new second-order effects of nanotechnology that others may not have thought of yet. |       |         |
|                                 | Type               | Numeric                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                   |       |         |
| N                               | Valid              | 177                                                                                                                               |       |         |
|                                 | Missing            | 15                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.18                                                                                                                              |       |         |
|                                 | Standard Deviation | 1.070                                                                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                        | 11    | 5.7%    |
|                                 | 2                  | A little                                                                                                                          | 34    | 17.7%   |
|                                 | 3                  | Somewhat                                                                                                                          | 66    | 34.4%   |
|                                 | 4                  | Quite a bit                                                                                                                       | 45    | 23.4%   |
|                                 | 5                  | A great deal                                                                                                                      | 21    | 10.9%   |

### a3lscBCeng\_14

|                     |             | Value                                                                                                               | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 665                                                                                                                 |       |         |
|                     | Label       | A3: During assignment, I...-Tried to identify what people with different perspectives might think about the topics. |       |         |
|                     | Type        | Numeric                                                                                                             |       |         |
|                     | Format      | F8                                                                                                                  |       |         |
|                     | Measurement | Scale                                                                                                               |       |         |
|                     |             |                                                                                                                     |       |         |
| N                   | Valid       | 177                                                                                                                 |       |         |

|                                 |                    |              |       |       |  |
|---------------------------------|--------------------|--------------|-------|-------|--|
|                                 | Missing            |              | 15    |       |  |
| Central Tendency and Dispersion | Mean               |              | 3.46  |       |  |
|                                 | Standard Deviation |              | 1.011 |       |  |
|                                 | Percentile 25      |              | 3.00  |       |  |
|                                 | Percentile 50      |              | 3.00  |       |  |
|                                 | Percentile 75      |              | 4.00  |       |  |
| Labeled Values                  | 1                  | Not at all   | 6     | 3.1%  |  |
|                                 | 2                  | A little     | 20    | 10.4% |  |
|                                 | 3                  | Somewhat     | 67    | 34.9% |  |
|                                 | 4                  | Quite a bit  | 54    | 28.1% |  |
|                                 | 5                  | A great deal | 30    | 15.6% |  |

**a3lscBCeng\_16**

|                                 |                    | Value                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 666                                                                                                                         |       |         |
|                                 | Label              | A3: During assignment, I...-Tried to compare the benefits and drawbacks of the new technology in terms of their importance. |       |         |
|                                 | Type               | Numeric                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                       |       |         |
|                                 |                    |                                                                                                                             |       |         |
| N                               | Valid              | 177                                                                                                                         |       |         |
|                                 | Missing            | 15                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.76                                                                                                                        |       |         |
|                                 | Standard Deviation | .965                                                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                  | 3     | 1.6%    |
|                                 | 2                  | A little                                                                                                                    | 14    | 7.3%    |
|                                 | 3                  | Somewhat                                                                                                                    | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                                                                                                                 | 69    | 35.9%   |
|                                 | 5                  | A great deal                                                                                                                | 43    | 22.4%   |

**a3lscBCeng\_17**

|                     |             | Value                                                                                                                  | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 667                                                                                                                    |       |         |
|                     | Label       | A3: During assignment, I...- Carefully evaluated the accuracy of the evidence that was available for different claims. |       |         |
|                     | Type        | Numeric                                                                                                                |       |         |
|                     | Format      | F8                                                                                                                     |       |         |
|                     | Measurement | Scale                                                                                                                  |       |         |
|                     |             |                                                                                                                        |       |         |
| N                   | Valid       | 177                                                                                                                    |       |         |

|                                 |                    |              |      |       |  |
|---------------------------------|--------------------|--------------|------|-------|--|
|                                 | Missing            |              | 15   |       |  |
| Central Tendency and Dispersion | Mean               |              | 3.14 |       |  |
|                                 | Standard Deviation |              | .996 |       |  |
|                                 | Percentile 25      |              | 3.00 |       |  |
|                                 | Percentile 50      |              | 3.00 |       |  |
|                                 | Percentile 75      |              | 4.00 |       |  |
| Labeled Values                  | 1                  | Not at all   | 11   | 5.7%  |  |
|                                 | 2                  | A little     | 33   | 17.2% |  |
|                                 | 3                  | Somewhat     | 65   | 33.9% |  |
|                                 | 4                  | Quite a bit  | 57   | 29.7% |  |
|                                 | 5                  | A great deal | 11   | 5.7%  |  |

### a3lscBCeng\_18

|                                 |                    | Value                                                                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 668                                                                                                            |       |         |
|                                 | Label              | A3: During assignment, I...- Carefully evaluated the relevance of various arguments about this new technology. |       |         |
|                                 | Type               | Numeric                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                          |       |         |
|                                 |                    |                                                                                                                |       |         |
| N                               | Valid              | 177                                                                                                            |       |         |
|                                 | Missing            | 15                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.49                                                                                                           |       |         |
|                                 | Standard Deviation | .930                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                           |       |         |
|                                 | Percentile 50      | 4.00                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                     | 5     | 2.6%    |
|                                 | 2                  | A little                                                                                                       | 21    | 10.9%   |
|                                 | 3                  | Somewhat                                                                                                       | 52    | 27.1%   |
|                                 | 4                  | Quite a bit                                                                                                    | 81    | 42.2%   |
|                                 | 5                  | A great deal                                                                                                   | 18    | 9.4%    |

### a3lscBCeng\_19

|                     |             | Value                                                                                                                                                    | Count | Percent |
|---------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 669                                                                                                                                                      |       |         |
|                     | Label       | A3: During assignment, I...- Carefully evaluated how "typical" or common the evidence was, that was presented for different claims about the technology. |       |         |
|                     | Type        | Numeric                                                                                                                                                  |       |         |
|                     | Format      | F8                                                                                                                                                       |       |         |
|                     | Measurement | Scale                                                                                                                                                    |       |         |
|                     |             |                                                                                                                                                          |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| N                               | Valid              | 177          |    |       |
|                                 | Missing            | 15           |    |       |
| Central Tendency and Dispersion | Mean               | 3.16         |    |       |
|                                 | Standard Deviation | .880         |    |       |
|                                 | Percentile 25      | 3.00         |    |       |
|                                 | Percentile 50      | 3.00         |    |       |
|                                 | Percentile 75      | 4.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 5  | 2.6%  |
|                                 | 2                  | A little     | 31 | 16.1% |
|                                 | 3                  | Somewhat     | 81 | 42.2% |
|                                 | 4                  | Quite a bit  | 50 | 26.0% |
|                                 | 5                  | A great deal | 10 | 5.2%  |

#### a4\_reci

|                     |             | Value                                   | Count | Percent |
|---------------------|-------------|-----------------------------------------|-------|---------|
| Standard Attributes | Position    | 670                                     |       |         |
|                     | Label       | A4: Recitation section number (151-157) |       |         |
|                     | Type        | Numeric                                 |       |         |
|                     | Format      | F3                                      |       |         |
|                     | Measurement | Nominal                                 |       |         |
| Valid Values        | 151         |                                         | 27    | 14.1%   |
|                     | 152         |                                         | 20    | 10.4%   |
|                     | 153         |                                         | 25    | 13.0%   |
|                     | 154         |                                         | 28    | 14.6%   |
|                     | 155         |                                         | 22    | 11.5%   |
|                     | 156         |                                         | 21    | 10.9%   |
|                     | 157         |                                         | 26    | 13.5%   |
| Missing Values      | System      |                                         | 23    | 12.0%   |

#### a4\_recinstr\_anon

|                     |             | Value                                        | Count | Percent |
|---------------------|-------------|----------------------------------------------|-------|---------|
| Standard Attributes | Position    | 671                                          |       |         |
|                     | Label       | recitation instructor number instead of name |       |         |
|                     | Type        | Numeric                                      |       |         |
|                     | Format      | F8.2                                         |       |         |
|                     | Measurement | Nominal                                      |       |         |
| Valid Values        | 1.00        |                                              | 48    | 25.0%   |
|                     | 2.00        |                                              | 25    | 13.0%   |
|                     | 3.00        |                                              | 48    | 25.0%   |
|                     | 4.00        |                                              | 21    | 10.9%   |
|                     | 5.00        |                                              | 27    | 14.1%   |
| Missing Values      | -99.00      |                                              | 23    | 12.0%   |

### Q222

|                                 |                    | Value                                                                                                   |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 672                                                                                                     |
|                                 | Label              | Here is a list of the recitations. Please note the out-of-order numbering.<br>Tuesday, 12:30pm, reci... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 169                                                                                                     |
|                                 | Missing            | 23                                                                                                      |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                                    |

### Q259

|                                 |                    | Value                                                                                                |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 673                                                                                                  |
|                                 | Label              | Overarching Questions... Now that you have responded to the scenarios in your recitation, you may... |
|                                 | Type               | Numeric                                                                                              |
|                                 | Format             | F8                                                                                                   |
|                                 | Measurement        | Scale                                                                                                |
| N                               | Valid              | 168                                                                                                  |
|                                 | Missing            | 24                                                                                                   |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                 |
|                                 | Standard Deviation | .000                                                                                                 |
|                                 | Percentile 25      | 1.00                                                                                                 |
|                                 | Percentile 50      | 1.00                                                                                                 |
|                                 | Percentile 75      | 1.00                                                                                                 |

### Q261

|                                 |                    | Value                                                                                                  |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 674                                                                                                    |
|                                 | Label              | Click here to see a list of resources that were provided within the background document. [[ Click a... |
|                                 | Type               | Numeric                                                                                                |
|                                 | Format             | F8                                                                                                     |
|                                 | Measurement        | Scale                                                                                                  |
| N                               | Valid              | 168                                                                                                    |
|                                 | Missing            | 24                                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                   |
|                                 | Standard Deviation | .000                                                                                                   |
|                                 | Percentile 25      | 1.00                                                                                                   |
|                                 | Percentile 50      | 1.00                                                                                                   |
|                                 | Percentile 75      | 1.00                                                                                                   |

### a4\_riskben

| Value | Count | Percent |
|-------|-------|---------|
|-------|-------|---------|

|                                 |                    |                                          |    |       |
|---------------------------------|--------------------|------------------------------------------|----|-------|
| Standard Attributes             | Position           | 675                                      |    |       |
|                                 | Label              | A4: Risks/Bens                           |    |       |
|                                 | Type               | Numeric                                  |    |       |
|                                 | Format             | F8                                       |    |       |
|                                 | Measurement        | Scale                                    |    |       |
| N                               | Valid              | 168                                      |    |       |
|                                 | Missing            | 24                                       |    |       |
| Central Tendency and Dispersion | Mean               | 4.55                                     |    |       |
|                                 | Standard Deviation | 1.554                                    |    |       |
|                                 | Percentile 25      | 3.50                                     |    |       |
|                                 | Percentile 50      | 5.00                                     |    |       |
|                                 | Percentile 75      | 6.00                                     |    |       |
| Labeled Values                  | 1                  | The risks greatly outweigh the benefits  | 5  | 2.6%  |
|                                 | 2                  | The risks somewhat outweigh the benefits | 20 | 10.4% |
|                                 | 3                  | The risks slightly outweigh the benefits | 17 | 8.9%  |
|                                 | 4                  | The risks and benefits are equal         | 26 | 13.5% |
|                                 | 5                  | The benefits slightly outweigh the risks | 44 | 22.9% |
|                                 | 6                  | The benefits somewhat outweigh the risks | 47 | 24.5% |
|                                 | 7                  | The benefits greatly outweigh the risks  | 9  | 4.7%  |

#### a4rbchgm

|                                 |                    | Value                     | Count | Percent |
|---------------------------------|--------------------|---------------------------|-------|---------|
| Standard Attributes             | Position           | 676                       |       |         |
|                                 | Label              | A4: Did your mind change? |       |         |
|                                 | Type               | Numeric                   |       |         |
|                                 | Format             | F8                        |       |         |
|                                 | Measurement        | Scale                     |       |         |
| N                               | Valid              | 168                       |       |         |
|                                 | Missing            | 24                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.28                      |       |         |
|                                 | Standard Deviation | .811                      |       |         |
|                                 | Percentile 25      | 2.00                      |       |         |
|                                 | Percentile 50      | 2.00                      |       |         |
|                                 | Percentile 75      | 3.00                      |       |         |
| Labeled Values                  | 1                  | Not at all                | 28    | 14.6%   |
|                                 | 2                  | Just a little             | 75    | 39.1%   |
|                                 | 3                  | Some                      | 55    | 28.6%   |
|                                 | 4                  | Quite a bit               | 10    | 5.2%    |
|                                 | 5                  | A great deal              | 0     | 0.0%    |

#### a4\_regslid

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 677   |

|                                 |                    |                                             |
|---------------------------------|--------------------|---------------------------------------------|
|                                 | Label              | A4: How much regulation: Slider-None at all |
|                                 | Type               | Numeric                                     |
|                                 | Format             | F8.2                                        |
|                                 | Measurement        | Scale                                       |
|                                 |                    |                                             |
| N                               | Valid              | 168                                         |
|                                 | Missing            | 24                                          |
| Central Tendency and Dispersion | Mean               | 68.2976                                     |
|                                 | Standard Deviation | 21.02880                                    |
|                                 | Percentile 25      | 54.5000                                     |
|                                 | Percentile 50      | 72.0000                                     |
|                                 | Percentile 75      | 84.0000                                     |

#### a4regchgm

|                                 |                    | Value                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------|-------|---------|
| Standard Attributes             | Position           | 678                               |       |         |
|                                 | Label              | A4: Change mind about regulation? |       |         |
|                                 | Type               | Numeric                           |       |         |
|                                 | Format             | F8                                |       |         |
|                                 | Measurement        | Scale                             |       |         |
| N                               | Valid              | 168                               |       |         |
|                                 | Missing            | 24                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.20                              |       |         |
|                                 | Standard Deviation | .863                              |       |         |
|                                 | Percentile 25      | 2.00                              |       |         |
|                                 | Percentile 50      | 2.00                              |       |         |
|                                 | Percentile 75      | 3.00                              |       |         |
| Labeled Values                  | 1                  | Not at all                        | 41    | 21.4%   |
|                                 | 2                  | Just a little                     | 61    | 31.8%   |
|                                 | 3                  | Some                              | 58    | 30.2%   |
|                                 | 4                  | Quite a bit                       | 8     | 4.2%    |
|                                 | 5                  | A great deal                      | 0     | 0.0%    |

#### a4inflnce\_1

|                                 |                    | Value                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 679                                                                               |       |         |
|                                 | Label              | A4: How did these influence your final views:-Talking about the issue with others |       |         |
|                                 | Type               | Numeric                                                                           |       |         |
|                                 | Format             | F8                                                                                |       |         |
|                                 | Measurement        | Scale                                                                             |       |         |
| N                               | Valid              | 168                                                                               |       |         |
|                                 | Missing            | 24                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.82                                                                              |       |         |
|                                 | Standard Deviation | 1.220                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                                              |       |         |

|                |   |               |    |       |
|----------------|---|---------------|----|-------|
| Labeled Values | 1 | Not at all    | 30 | 15.6% |
|                | 2 | Just a little | 37 | 19.3% |
|                | 3 | Some          | 49 | 25.5% |
|                | 4 | Quite a bit   | 37 | 19.3% |
|                | 5 | A great deal  | 15 | 7.8%  |

#### a4inflnce\_2

|                                 |                    | Value                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 680                                                                                                   |       |         |
|                                 | Label              | A4: How did these influence your final views:-The background information that I read about the topics |       |         |
|                                 | Type               | Numeric                                                                                               |       |         |
|                                 | Format             | F8                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                 |       |         |
|                                 |                    |                                                                                                       |       |         |
| N                               | Valid              | 168                                                                                                   |       |         |
|                                 | Missing            | 24                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.93                                                                                                  |       |         |
|                                 | Standard Deviation | 1.000                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                            | 14    | 7.3%    |
|                                 | 2                  | Just a little                                                                                         | 41    | 21.4%   |
|                                 | 3                  | Some                                                                                                  | 63    | 32.8%   |
|                                 | 4                  | Quite a bit                                                                                           | 43    | 22.4%   |
|                                 | 5                  | A great deal                                                                                          | 7     | 3.6%    |

#### a4inflnce\_3

|                                 |                    | Value                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 681                                                                                                       |       |         |
|                                 | Label              | A4: How did these influence your final views:-Learning about new arguments that I'd not thought of before |       |         |
|                                 | Type               | Numeric                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                     |       |         |
|                                 |                    |                                                                                                           |       |         |
| N                               | Valid              | 168                                                                                                       |       |         |
|                                 | Missing            | 24                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.19                                                                                                      |       |         |
|                                 | Standard Deviation | .985                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                | 7     | 3.6%    |
|                                 | 2                  | Just a little                                                                                             | 33    | 17.2%   |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 3 | Some         | 63 | 32.8% |
|  | 4 | Quite a bit  | 51 | 26.6% |
|  | 5 | A great deal | 14 | 7.3%  |

#### a4inflnce\_4

|                                 |                    | Value                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 682                                                                        |       |         |
|                                 | Label              | A4: How did these influence your final views:-My own research on the issue |       |         |
|                                 | Type               | Numeric                                                                    |       |         |
|                                 | Format             | F8                                                                         |       |         |
|                                 | Measurement        | Scale                                                                      |       |         |
|                                 |                    |                                                                            |       |         |
| N                               | Valid              | 168                                                                        |       |         |
|                                 | Missing            | 24                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.40                                                                       |       |         |
|                                 | Standard Deviation | 1.159                                                                      |       |         |
|                                 | Percentile 25      | 1.00                                                                       |       |         |
|                                 | Percentile 50      | 2.00                                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                 | 44    | 22.9%   |
|                                 | 2                  | Just a little                                                              | 52    | 27.1%   |
|                                 | 3                  | Some                                                                       | 40    | 20.8%   |
|                                 | 4                  | Quite a bit                                                                | 24    | 12.5%   |
|                                 | 5                  | A great deal                                                               | 8     | 4.2%    |

#### a4inflnce\_5

|                                 |                    | Value                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 683                                                                           |       |         |
|                                 | Label              | A4: How did these influence your final views:-Views of people important to me |       |         |
|                                 | Type               | Numeric                                                                       |       |         |
|                                 | Format             | F8                                                                            |       |         |
|                                 | Measurement        | Scale                                                                         |       |         |
|                                 |                    |                                                                               |       |         |
| N                               | Valid              | 168                                                                           |       |         |
|                                 | Missing            | 24                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.40                                                                          |       |         |
|                                 | Standard Deviation | 1.095                                                                         |       |         |
|                                 | Percentile 25      | 1.50                                                                          |       |         |
|                                 | Percentile 50      | 2.00                                                                          |       |         |
|                                 | Percentile 75      | 3.00                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                    | 42    | 21.9%   |
|                                 | 2                  | Just a little                                                                 | 51    | 26.6%   |
|                                 | 3                  | Some                                                                          | 45    | 23.4%   |
|                                 | 4                  | Quite a bit                                                                   | 26    | 13.5%   |
|                                 | 5                  | A great deal                                                                  | 4     | 2.1%    |

**a4inflnce\_6**

|                                 |                    | Value                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 684                                                                                                         |       |         |
|                                 | Label              | A4: How did these influence your final views:-The additional resources provided by the background documents |       |         |
|                                 | Type               | Numeric                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                       |       |         |
|                                 |                    |                                                                                                             |       |         |
| N                               | Valid              | 168                                                                                                         |       |         |
|                                 | Missing            | 24                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.67                                                                                                        |       |         |
|                                 | Standard Deviation | 1.041                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                                                                        |       |         |
|                                 |                    |                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                  | 24    | 12.5%   |
|                                 | 2                  | Just a little                                                                                               | 48    | 25.0%   |
|                                 | 3                  | Some                                                                                                        | 62    | 32.3%   |
|                                 | 4                  | Quite a bit                                                                                                 | 27    | 14.1%   |
|                                 | 5                  | A great deal                                                                                                | 7     | 3.6%    |
|                                 |                    |                                                                                                             |       |         |

**a4bioinf**

|                                 |                    | Value                        | Count | Percent |
|---------------------------------|--------------------|------------------------------|-------|---------|
| Standard Attributes             | Position           | 685                          |       |         |
|                                 | Label              | A4: Bio knowledge influence? |       |         |
|                                 | Type               | Numeric                      |       |         |
|                                 | Format             | F8                           |       |         |
|                                 | Measurement        | Scale                        |       |         |
|                                 |                    |                              |       |         |
| N                               | Valid              | 168                          |       |         |
|                                 | Missing            | 24                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.92                         |       |         |
|                                 | Standard Deviation | .987                         |       |         |
|                                 | Percentile 25      | 2.00                         |       |         |
|                                 | Percentile 50      | 3.00                         |       |         |
|                                 | Percentile 75      | 4.00                         |       |         |
|                                 |                    |                              |       |         |
| Labeled Values                  | 1                  | Not at all                   | 14    | 7.3%    |
|                                 | 2                  | Just a little                | 43    | 22.4%   |
|                                 | 3                  | Some                         | 58    | 30.2%   |
|                                 | 4                  | Quite a bit                  | 49    | 25.5%   |
|                                 | 5                  | A great deal                 | 4     | 2.1%    |
|                                 |                    |                              |       |         |

**a4ppben**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 686   |       |         |

|                                 |                    |                                      |    |       |
|---------------------------------|--------------------|--------------------------------------|----|-------|
|                                 | Label              | A4: Public participation beneficial? |    |       |
|                                 | Type               | Numeric                              |    |       |
|                                 | Format             | F8                                   |    |       |
|                                 | Measurement        | Scale                                |    |       |
| N                               | Valid              | 168                                  |    |       |
|                                 | Missing            | 24                                   |    |       |
| Central Tendency and Dispersion | Mean               | 2.99                                 |    |       |
|                                 | Standard Deviation | 1.161                                |    |       |
|                                 | Percentile 25      | 2.00                                 |    |       |
|                                 | Percentile 50      | 3.00                                 |    |       |
|                                 | Percentile 75      | 4.00                                 |    |       |
| Labeled Values                  | 1                  | Not at all                           | 19 | 9.9%  |
|                                 | 2                  | Just a little                        | 40 | 20.8% |
|                                 | 3                  | Some                                 | 48 | 25.0% |
|                                 | 4                  | Quite a bit                          | 45 | 23.4% |
|                                 | 5                  | A great deal                         | 16 | 8.3%  |

#### a4learn

|                                 |                    | Value                        | Count | Percent |
|---------------------------------|--------------------|------------------------------|-------|---------|
| Standard Attributes             | Position           | 687                          |       |         |
|                                 | Label              | A4: How much did you learn?  |       |         |
|                                 | Type               | Numeric                      |       |         |
|                                 | Format             | F8                           |       |         |
|                                 | Measurement        | Scale                        |       |         |
| N                               | Valid              | 168                          |       |         |
|                                 | Missing            | 24                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.17                         |       |         |
|                                 | Standard Deviation | .933                         |       |         |
|                                 | Percentile 25      | 2.00                         |       |         |
|                                 | Percentile 50      | 3.00                         |       |         |
|                                 | Percentile 75      | 4.00                         |       |         |
| Labeled Values                  | 1                  | Nothing I didn't know before | 3     | 1.6%    |
|                                 | 2                  | Just a little                | 42    | 21.9%   |
|                                 | 3                  | Some                         | 57    | 29.7%   |
|                                 | 4                  | Quite a bit                  | 56    | 29.2%   |
|                                 | 5                  | A great deal                 | 10    | 5.2%    |

#### Q271\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 688                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 596.9928           |
|                                 | Standard Deviation | 6623.45467         |

|  |               |         |
|--|---------------|---------|
|  | Percentile 25 | 6.9890  |
|  | Percentile 50 | 13.1305 |
|  | Percentile 75 | 26.1355 |

### Q271\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 689               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 168               |
|                                 | Missing            | 24                |
| Central Tendency and Dispersion | Mean               | 2190.9328         |
|                                 | Standard Deviation | 10823.41911       |
|                                 | Percentile 25      | 315.3610          |
|                                 | Percentile 50      | 472.4880          |
|                                 | Percentile 75      | 765.6075          |

### Q271\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 690                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 2208.6523          |
|                                 | Standard Deviation | 10831.65467        |
|                                 | Percentile 25      | 325.5690           |
|                                 | Percentile 50      | 486.5960           |
|                                 | Percentile 75      | 794.5945           |

### Q271\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 691                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 24.9464            |
|                                 | Standard Deviation | 14.68563           |
|                                 | Percentile 25      | 18.0000            |
|                                 | Percentile 50      | 21.5000            |
|                                 | Percentile 75      | 27.0000            |

### a4fscnlwr\_1

|                     |          |                                                                                                                        |       |         |
|---------------------|----------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
|                     |          | Value                                                                                                                  | Count | Percent |
| Standard Attributes | Position | 692                                                                                                                    |       |         |
|                     | Label    | A4: Scenario 1:<br>Ratings-The process<br>used by the<br>government to make<br>decisions about this<br>issue was fair. |       |         |
|                     | Type     | Numeric                                                                                                                |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
|                                 | Format             | F8                |    |       |
|                                 | Measurement        | Scale             |    |       |
| N                               | Valid              | 73                |    |       |
|                                 | Missing            | 119               |    |       |
| Central Tendency and Dispersion | Mean               | 3.97              |    |       |
|                                 | Standard Deviation | 1.154             |    |       |
|                                 | Percentile 25      | 3.00              |    |       |
|                                 | Percentile 50      | 4.00              |    |       |
|                                 | Percentile 75      | 5.00              |    |       |
| Labeled Values                  | 1                  | Strongly disagree | 1  | 0.5%  |
|                                 | 2                  | Disagree          | 8  | 4.2%  |
|                                 | 3                  | Slightly disagree | 17 | 8.9%  |
|                                 | 4                  | Slightly agree    | 15 | 7.8%  |
|                                 | 5                  | Agree             | 30 | 15.6% |
|                                 | 6                  | Strongly agree    | 2  | 1.0%  |

#### a4fscnlwr\_2

|                                 |                    | Value                                                                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 693                                                                                         |       |         |
|                                 | Label              | A4: Scenario 1:<br>Ratings-The government made the right choices with regard to this issue. |       |         |
|                                 | Type               | Numeric                                                                                     |       |         |
|                                 | Format             | F8                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                       |       |         |
|                                 |                    |                                                                                             |       |         |
| N                               | Valid              | 73                                                                                          |       |         |
|                                 | Missing            | 119                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.63                                                                                        |       |         |
|                                 | Standard Deviation | 1.230                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                        |       |         |
|                                 | Percentile 75      | 5.00                                                                                        |       |         |
| Labeled Values                  | 1                  | Strongly disagree                                                                           | 4     | 2.1%    |
|                                 | 2                  | Disagree                                                                                    | 8     | 4.2%    |
|                                 | 3                  | Slightly disagree                                                                           | 23    | 12.0%   |
|                                 | 4                  | Slightly agree                                                                              | 16    | 8.3%    |
|                                 | 5                  | Agree                                                                                       | 20    | 10.4%   |
|                                 | 6                  | Strongly agree                                                                              | 2     | 1.0%    |

#### a4fscnlwr\_3

|                     |          | Value                                                                                | Count | Percent |
|---------------------|----------|--------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 694                                                                                  |       |         |
|                     | Label    | A4: Scenario 1:<br>Ratings-The government made the same choices you would have made. |       |         |
|                     | Type     | Numeric                                                                              |       |         |
|                     | Format   | F8                                                                                   |       |         |
|                     |          |                                                                                      |       |         |

|                                 | Measurement        | Scale             |    |      |
|---------------------------------|--------------------|-------------------|----|------|
| N                               | Valid              | 73                |    |      |
|                                 | Missing            | 119               |    |      |
| Central Tendency and Dispersion | Mean               | 3.40              |    |      |
|                                 | Standard Deviation | 1.288             |    |      |
|                                 | Percentile 25      | 2.00              |    |      |
|                                 | Percentile 50      | 3.00              |    |      |
|                                 | Percentile 75      | 4.00              |    |      |
| Labeled Values                  | 1                  | Strongly disagree | 5  | 2.6% |
|                                 | 2                  | Disagree          | 15 | 7.8% |
|                                 | 3                  | Slightly disagree | 18 | 9.4% |
|                                 | 4                  | Slightly agree    | 18 | 9.4% |
|                                 | 5                  | Agree             | 15 | 7.8% |
|                                 | 6                  | Strongly agree    | 2  | 1.0% |

#### a4fscnlwr\_4

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 695                                                                                                          |       |         |
|                                 | Label              | A4: Scenario 1:<br>Ratings-The<br>government should<br>have made different<br>decisions about this<br>issue. |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
|                                 |                    |                                                                                                              |       |         |
| N                               | Valid              | 73                                                                                                           |       |         |
|                                 | Missing            | 119                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.53                                                                                                         |       |         |
|                                 | Standard Deviation | 1.179                                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                                         |       |         |
|                                 | Percentile 50      | 4.00                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Strongly disagree                                                                                            | 3     | 1.6%    |
|                                 | 2                  | Disagree                                                                                                     | 14    | 7.3%    |
|                                 | 3                  | Slightly disagree                                                                                            | 14    | 7.3%    |
|                                 | 4                  | Slightly agree                                                                                               | 26    | 13.5%   |
|                                 | 5                  | Agree                                                                                                        | 15    | 7.8%    |
|                                 | 6                  | Strongly agree                                                                                               | 1     | 0.5%    |

#### a4fscnlwr\_5

|                     |          | Value                                                                                                                            | Count | Percent |
|---------------------|----------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 696                                                                                                                              |       |         |
|                     | Label    | A4: Scenario 1:<br>Ratings-The<br>government should<br>have used a different<br>process to get public<br>input about this issue. |       |         |
|                     | Type     | Numeric                                                                                                                          |       |         |
|                     | Format   | F8                                                                                                                               |       |         |
|                     |          |                                                                                                                                  |       |         |
|                     |          |                                                                                                                                  |       |         |

|                                 | Measurement        | Scale             |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
| N                               | Valid              | 71                |    |       |
|                                 | Missing            | 121               |    |       |
| Central Tendency and Dispersion | Mean               | 3.44              |    |       |
|                                 | Standard Deviation | 1.295             |    |       |
|                                 | Percentile 25      | 2.00              |    |       |
|                                 | Percentile 50      | 3.00              |    |       |
|                                 | Percentile 75      | 4.00              |    |       |
| Labeled Values                  | 1                  | Strongly disagree | 3  | 1.6%  |
|                                 | 2                  | Disagree          | 15 | 7.8%  |
|                                 | 3                  | Slightly disagree | 22 | 11.5% |
|                                 | 4                  | Slightly agree    | 15 | 7.8%  |
|                                 | 5                  | Agree             | 11 | 5.7%  |
|                                 | 6                  | Strongly agree    | 5  | 2.6%  |

#### a4fscnHlr\_1

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 697                                                                                                     |       |         |
|                                 | Label              | A4: Scenario 2: Ratings-The process used by the government to make decisions about this issue was fair. |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 95                                                                                                      |       |         |
|                                 | Missing            | 97                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 4.11                                                                                                    |       |         |
|                                 | Standard Deviation | 1.125                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                                                                    |       |         |
|                                 | Percentile 75      | 5.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | Strongly disagree                                                                                       | 2     | 1.0%    |
|                                 | 2                  | Disagree                                                                                                | 7     | 3.6%    |
|                                 | 3                  | Slightly disagree                                                                                       | 18    | 9.4%    |
|                                 | 4                  | Slightly agree                                                                                          | 24    | 12.5%   |
|                                 | 5                  | Agree                                                                                                   | 40    | 20.8%   |
|                                 | 6                  | Strongly agree                                                                                          | 4     | 2.1%    |

#### a4fscnHlr\_2

|                     |             | Value                                                                                    | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 698                                                                                      |       |         |
|                     | Label       | A4: Scenario 2: Ratings-The government made the right choices with regard to this issue. |       |         |
|                     | Type        | Numeric                                                                                  |       |         |
|                     | Format      | F8                                                                                       |       |         |
|                     | Measurement | Scale                                                                                    |       |         |
|                     |             |                                                                                          |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
| N                               | Valid              | 95                |    |       |
|                                 | Missing            | 97                |    |       |
| Central Tendency and Dispersion | Mean               | 3.91              |    |       |
|                                 | Standard Deviation | 1.203             |    |       |
|                                 | Percentile 25      | 3.00              |    |       |
|                                 | Percentile 50      | 4.00              |    |       |
|                                 | Percentile 75      | 5.00              |    |       |
| Labeled Values                  | 1                  | Strongly disagree | 4  | 2.1%  |
|                                 | 2                  | Disagree          | 8  | 4.2%  |
|                                 | 3                  | Slightly disagree | 21 | 10.9% |
|                                 | 4                  | Slightly agree    | 26 | 13.5% |
|                                 | 5                  | Agree             | 32 | 16.7% |
|                                 | 6                  | Strongly agree    | 4  | 2.1%  |

### a4fscnHlr\_3

|                                 |                    | Value                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 699                                                                                  |       |         |
|                                 | Label              | A4: Scenario 2:<br>Ratings-The government made the same choices you would have made. |       |         |
|                                 | Type               | Numeric                                                                              |       |         |
|                                 | Format             | F8                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                |       |         |
|                                 |                    |                                                                                      |       |         |
| N                               | Valid              | 95                                                                                   |       |         |
|                                 | Missing            | 97                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.78                                                                                 |       |         |
|                                 | Standard Deviation | 1.281                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                                 |       |         |
|                                 | Percentile 75      | 5.00                                                                                 |       |         |
| Labeled Values                  | 1                  | Strongly disagree                                                                    | 3     | 1.6%    |
|                                 | 2                  | Disagree                                                                             | 17    | 8.9%    |
|                                 | 3                  | Slightly disagree                                                                    | 17    | 8.9%    |
|                                 | 4                  | Slightly agree                                                                       | 23    | 12.0%   |
|                                 | 5                  | Agree                                                                                | 31    | 16.1%   |
|                                 | 6                  | Strongly agree                                                                       | 4     | 2.1%    |

### a4fscnHlr\_4

|                     |             | Value                                                                                            | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 700                                                                                              |       |         |
|                     | Label       | A4: Scenario 2:<br>Ratings-The government should have made different decisions about this issue. |       |         |
|                     | Type        | Numeric                                                                                          |       |         |
|                     | Format      | F8                                                                                               |       |         |
|                     | Measurement | Scale                                                                                            |       |         |
|                     |             |                                                                                                  |       |         |
| N                   | Valid       | 94                                                                                               |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
|                                 | Missing            | 98                |    |       |
| Central Tendency and Dispersion | Mean               | 3.33              |    |       |
|                                 | Standard Deviation | 1.168             |    |       |
|                                 | Percentile 25      | 2.00              |    |       |
|                                 | Percentile 50      | 3.00              |    |       |
|                                 | Percentile 75      | 4.00              |    |       |
| Labeled Values                  | 1                  | Strongly disagree | 1  | 0.5%  |
|                                 | 2                  | Disagree          | 28 | 14.6% |
|                                 | 3                  | Slightly disagree | 24 | 12.5% |
|                                 | 4                  | Slightly agree    | 23 | 12.0% |
|                                 | 5                  | Agree             | 16 | 8.3%  |
|                                 | 6                  | Strongly agree    | 2  | 1.0%  |

#### a4fscnHlr\_5

|                                 |                    | Value                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 701                                                                                                                              |       |         |
|                                 | Label              | A4: Scenario 2:<br>Ratings-The<br>government should<br>have used a different<br>process to get public<br>input about this issue. |       |         |
|                                 | Type               | Numeric                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                  |       |         |
| N                               | Valid              | 94                                                                                                                               |       |         |
|                                 | Missing            | 98                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.23                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.204                                                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Strongly disagree                                                                                                                | 5     | 2.6%    |
|                                 | 2                  | Disagree                                                                                                                         | 25    | 13.0%   |
|                                 | 3                  | Slightly disagree                                                                                                                | 23    | 12.0%   |
|                                 | 4                  | Slightly agree                                                                                                                   | 28    | 14.6%   |
|                                 | 5                  | Agree                                                                                                                            | 10    | 5.2%    |
|                                 | 6                  | Strongly agree                                                                                                                   | 3     | 1.6%    |

#### a4slowrsch

|                                 |             | Value                               | Count | Percent |
|---------------------------------|-------------|-------------------------------------|-------|---------|
| Standard Attributes             | Position    | 702                                 |       |         |
|                                 | Label       | A4: For/Against<br>Slowing Research |       |         |
|                                 | Type        | Numeric                             |       |         |
|                                 | Format      | F8                                  |       |         |
|                                 | Measurement | Scale                               |       |         |
|                                 |             |                                     |       |         |
| N                               | Valid       | 92                                  |       |         |
|                                 | Missing     | 100                                 |       |         |
| Central Tendency and Dispersion | Mean        | 3.41                                |       |         |

|                |                    |                    |    |       |
|----------------|--------------------|--------------------|----|-------|
|                | Standard Deviation | 1.392              |    |       |
|                | Percentile 25      | 3.00               |    |       |
|                | Percentile 50      | 3.00               |    |       |
|                | Percentile 75      | 4.00               |    |       |
| Labeled Values | 1                  | Strongly AGAINST   | 9  | 4.7%  |
|                | 2                  | Moderately AGAINST | 13 | 6.8%  |
|                | 3                  | Slightly AGAINST   | 29 | 15.1% |
|                | 4                  | Slightly FOR       | 22 | 11.5% |
|                | 5                  | Moderately FOR     | 10 | 5.2%  |
|                | 6                  | Strongly FOR       | 9  | 4.7%  |

#### a4fastrsch

|                                 |                    | Value                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------|-------|---------|
| Standard Attributes             | Position           | 703                                  |       |         |
|                                 | Label              | A4: For/Against Speeding Up Research |       |         |
|                                 | Type               | Numeric                              |       |         |
|                                 | Format             | F8                                   |       |         |
|                                 | Measurement        | Scale                                |       |         |
|                                 |                    |                                      |       |         |
| N                               | Valid              | 76                                   |       |         |
|                                 | Missing            | 116                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.37                                 |       |         |
|                                 | Standard Deviation | 1.422                                |       |         |
|                                 | Percentile 25      | 2.00                                 |       |         |
|                                 | Percentile 50      | 3.50                                 |       |         |
|                                 | Percentile 75      | 4.00                                 |       |         |
| Labeled Values                  | 1                  | Strongly AGAINST                     | 9     | 4.7%    |
|                                 | 2                  | Moderately AGAINST                   | 14    | 7.3%    |
|                                 | 3                  | Slightly AGAINST                     | 15    | 7.8%    |
|                                 | 4                  | Slightly FOR                         | 20    | 10.4%   |
|                                 | 5                  | Moderately FOR                       | 14    | 7.3%    |
|                                 | 6                  | Strongly FOR                         | 4     | 2.1%    |

#### a4scncond\_match

|                     |             | Value                                      | Count | Percent |
|---------------------|-------------|--------------------------------------------|-------|---------|
| Standard Attributes | Position    | 704                                        |       |         |
|                     | Label       | scene condition matches persons preference |       |         |
|                     | Type        | Numeric                                    |       |         |
|                     | Format      | F8.2                                       |       |         |
|                     | Measurement | Nominal                                    |       |         |
|                     |             |                                            |       |         |
| Valid Values        | .00         | scene did not match views                  | 84    | 43.8%   |
|                     | 1.00        | scenario did match views                   | 84    | 43.8%   |
| Missing Values      | -99.00      |                                            | 24    | 12.5%   |

|                                 |                    | Value                                                                                             |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 705                                                                                               |
|                                 | Label              | What do you know now? Please answer these 15 questions about nanotechnology. Please don't look... |
|                                 | Type               | Numeric                                                                                           |
|                                 | Format             | F8                                                                                                |
|                                 | Measurement        | Scale                                                                                             |
| N                               | Valid              | 168                                                                                               |
|                                 | Missing            | 24                                                                                                |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                              |
|                                 | Standard Deviation | .000                                                                                              |
|                                 | Percentile 25      | 1.00                                                                                              |
|                                 | Percentile 50      | 1.00                                                                                              |
|                                 | Percentile 75      | 1.00                                                                                              |

### a4kq02\_1

|                                 |                    | Value                                                              |
|---------------------------------|--------------------|--------------------------------------------------------------------|
| Standard Attributes             | Position           | 706                                                                |
|                                 | Label              | A4: Current NG R&D- Use of nano-sequencing to map the human genome |
|                                 | Type               | Numeric                                                            |
|                                 | Format             | F8                                                                 |
|                                 | Measurement        | Scale                                                              |
| N                               | Valid              | 139                                                                |
|                                 | Missing            | 53                                                                 |
| Central Tendency and Dispersion | Mean               | 1.00                                                               |
|                                 | Standard Deviation | .000                                                               |
|                                 | Percentile 25      | 1.00                                                               |
|                                 | Percentile 50      | 1.00                                                               |
|                                 | Percentile 75      | 1.00                                                               |

### a4kq02\_2

|                                 |                    | Value                                                                    |
|---------------------------------|--------------------|--------------------------------------------------------------------------|
| Standard Attributes             | Position           | 707                                                                      |
|                                 | Label              | A4: Current NG R&D- Development of better genetic engineering procedures |
|                                 | Type               | Numeric                                                                  |
|                                 | Format             | F8                                                                       |
|                                 | Measurement        | Scale                                                                    |
| N                               | Valid              | 140                                                                      |
|                                 | Missing            | 52                                                                       |
| Central Tendency and Dispersion | Mean               | 1.00                                                                     |
|                                 | Standard Deviation | .000                                                                     |
|                                 | Percentile 25      | 1.00                                                                     |
|                                 | Percentile 50      | 1.00                                                                     |
|                                 | Percentile 75      | 1.00                                                                     |

### a4kq02\_3

|                     |          | Value                                                                          |
|---------------------|----------|--------------------------------------------------------------------------------|
| Standard Attributes | Position | 708                                                                            |
|                     | Label    | A4: Current NG R&D- Adapting biological transmodification for medical delivery |
|                     | Type     | Numeric                                                                        |
|                     | Format   | F8                                                                             |

|                                 |                    |       |
|---------------------------------|--------------------|-------|
|                                 | Measurement        | Scale |
| N                               | Valid              | 114   |
|                                 | Missing            | 78    |
| Central Tendency and Dispersion | Mean               | 1.00  |
|                                 | Standard Deviation | .000  |
|                                 | Percentile 25      | 1.00  |
|                                 | Percentile 50      | 1.00  |
|                                 | Percentile 75      | 1.00  |

#### a4kq02\_4

|                                 |                    |                                                                    |
|---------------------------------|--------------------|--------------------------------------------------------------------|
|                                 |                    | Value                                                              |
| Standard Attributes             | Position           | 709                                                                |
|                                 | Label              | A4: Current NG R&D-Synthesizing biochemical reactions more quickly |
|                                 | Type               | Numeric                                                            |
|                                 | Format             | F8                                                                 |
|                                 | Measurement        | Scale                                                              |
|                                 |                    |                                                                    |
| N                               | Valid              | 102                                                                |
|                                 | Missing            | 90                                                                 |
| Central Tendency and Dispersion | Mean               | 1.00                                                               |
|                                 | Standard Deviation | .000                                                               |
|                                 | Percentile 25      | 1.00                                                               |
|                                 | Percentile 50      | 1.00                                                               |
|                                 | Percentile 75      | 1.00                                                               |

#### a4kq02\_5

|                                 |                    |                                                                                                      |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                |
| Standard Attributes             | Position           | 710                                                                                                  |
|                                 | Label              | A4: Current NG R&D-Development of simplified genetic code capable of supporting nanobot reproduction |
|                                 | Type               | Numeric                                                                                              |
|                                 | Format             | F8                                                                                                   |
|                                 | Measurement        | Scale                                                                                                |
|                                 |                    |                                                                                                      |
| N                               | Valid              | 92                                                                                                   |
|                                 | Missing            | 100                                                                                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                 |
|                                 | Standard Deviation | .000                                                                                                 |
|                                 | Percentile 25      | 1.00                                                                                                 |
|                                 | Percentile 50      | 1.00                                                                                                 |
|                                 | Percentile 75      | 1.00                                                                                                 |

#### a4kq02\_6

|                                 |                    |                                      |
|---------------------------------|--------------------|--------------------------------------|
|                                 |                    | Value                                |
| Standard Attributes             | Position           | 711                                  |
|                                 | Label              | A4: Current NG R&D-None of the above |
|                                 | Type               | Numeric                              |
|                                 | Format             | F8                                   |
|                                 | Measurement        | Scale                                |
|                                 |                    |                                      |
| N                               | Valid              | 3                                    |
|                                 | Missing            | 189                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                 |
|                                 | Standard Deviation | .000                                 |
|                                 | Percentile 25      | 1.00                                 |
|                                 | Percentile 50      | 1.00                                 |
|                                 | Percentile 75      | 1.00                                 |

**a4kq01\_1**

|                                 |                    | Value                                                                           |
|---------------------------------|--------------------|---------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 712                                                                             |
|                                 | Label              | A4: Current examples of human enhancement-Education in schools and universities |
|                                 | Type               | Numeric                                                                         |
|                                 | Format             | F8                                                                              |
|                                 | Measurement        | Scale                                                                           |
| N                               | Valid              | 100                                                                             |
|                                 | Missing            | 92                                                                              |
| Central Tendency and Dispersion | Mean               | 1.00                                                                            |
|                                 | Standard Deviation | .000                                                                            |
|                                 | Percentile 25      | 1.00                                                                            |
|                                 | Percentile 50      | 1.00                                                                            |
|                                 | Percentile 75      | 1.00                                                                            |

**a4kq01\_2**

|                                 |                    | Value                                                                                     |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 713                                                                                       |
|                                 | Label              | A4: Current examples of human enhancement-The use performance-enhancing drugs by athletes |
|                                 | Type               | Numeric                                                                                   |
|                                 | Format             | F8                                                                                        |
|                                 | Measurement        | Scale                                                                                     |
| N                               | Valid              | 140                                                                                       |
|                                 | Missing            | 52                                                                                        |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                      |
|                                 | Standard Deviation | .000                                                                                      |
|                                 | Percentile 25      | 1.00                                                                                      |
|                                 | Percentile 50      | 1.00                                                                                      |
|                                 | Percentile 75      | 1.00                                                                                      |

**a4kq01\_3**

|                                 |                    | Value                                                                                                           |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 714                                                                                                             |
|                                 | Label              | A4: Current examples of human enhancement-Use of medicine to combat naturally-contracted or -inherited diseases |
|                                 | Type               | Numeric                                                                                                         |
|                                 | Format             | F8                                                                                                              |
|                                 | Measurement        | Scale                                                                                                           |
| N                               | Valid              | 124                                                                                                             |
|                                 | Missing            | 68                                                                                                              |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                            |
|                                 | Standard Deviation | .000                                                                                                            |
|                                 | Percentile 25      | 1.00                                                                                                            |
|                                 | Percentile 50      | 1.00                                                                                                            |
|                                 | Percentile 75      | 1.00                                                                                                            |

**a4kq01\_4**

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 715   |

|                                 |                    |                                                                                                                     |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|
|                                 | Label              | A4: Current examples of human enhancement-Use of prosthetic devices to improve how people look (e.g., burn victims) |
|                                 | Type               | Numeric                                                                                                             |
|                                 | Format             | F8                                                                                                                  |
|                                 | Measurement        | Scale                                                                                                               |
| N                               | Valid              | 127                                                                                                                 |
|                                 | Missing            | 65                                                                                                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                |
|                                 | Standard Deviation | .000                                                                                                                |
|                                 | Percentile 25      | 1.00                                                                                                                |
|                                 | Percentile 50      | 1.00                                                                                                                |
|                                 | Percentile 75      | 1.00                                                                                                                |

#### a4kq01\_5

|                                 |                    |                                                                                      |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                |
| Standard Attributes             | Position           | 716                                                                                  |
|                                 | Label              | A4: Current examples of human enhancement-Plastic surgery to improve how people look |
|                                 | Type               | Numeric                                                                              |
|                                 | Format             | F8                                                                                   |
|                                 | Measurement        | Scale                                                                                |
|                                 |                    |                                                                                      |
| N                               | Valid              | 139                                                                                  |
|                                 | Missing            | 53                                                                                   |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                 |
|                                 | Standard Deviation | .000                                                                                 |
|                                 | Percentile 25      | 1.00                                                                                 |
|                                 | Percentile 50      | 1.00                                                                                 |
|                                 | Percentile 75      | 1.00                                                                                 |

#### a4kq01\_6

|                                 |                    |                                                             |
|---------------------------------|--------------------|-------------------------------------------------------------|
|                                 |                    | Value                                                       |
| Standard Attributes             | Position           | 717                                                         |
|                                 | Label              | A4: Current examples of human enhancement-None of the above |
|                                 | Type               | Numeric                                                     |
|                                 | Format             | F8                                                          |
|                                 | Measurement        | Scale                                                       |
|                                 |                    |                                                             |
| N                               | Valid              | 4                                                           |
|                                 | Missing            | 188                                                         |
| Central Tendency and Dispersion | Mean               | 1.00                                                        |
|                                 | Standard Deviation | .000                                                        |
|                                 | Percentile 25      | 1.00                                                        |
|                                 | Percentile 50      | 1.00                                                        |
|                                 | Percentile 75      | 1.00                                                        |

#### a4kq03

|                     |          |                               |       |         |
|---------------------|----------|-------------------------------|-------|---------|
|                     |          | Value                         | Count | Percent |
| Standard Attributes | Position | 718                           |       |         |
|                     | Label    | A4: What does RNAi stand for? |       |         |
|                     | Type     | Numeric                       |       |         |
|                     | Format   | F8                            |       |         |

|                                 |                    |                  |    |       |
|---------------------------------|--------------------|------------------|----|-------|
|                                 | Measurement        | Scale            |    |       |
| N                               | Valid              | 168              |    |       |
|                                 | Missing            | 24               |    |       |
| Central Tendency and Dispersion | Mean               | 1.81             |    |       |
|                                 | Standard Deviation | .972             |    |       |
|                                 | Percentile 25      | 1.00             |    |       |
|                                 | Percentile 50      | 1.00             |    |       |
|                                 | Percentile 75      | 3.00             |    |       |
| Labeled Values                  | 1                  | RNA interference | 88 | 45.8% |
|                                 | 2                  | RNA interceptor  | 34 | 17.7% |
|                                 | 3                  | RNA integration  | 36 | 18.8% |
|                                 | 4                  | RNA inception    | 10 | 5.2%  |

#### a4kq04

|                                 |                    |                                                     |       |         |
|---------------------------------|--------------------|-----------------------------------------------------|-------|---------|
|                                 |                    | Value                                               | Count | Percent |
| Standard Attributes             | Position           | 719                                                 |       |         |
|                                 | Label              | A4: For what purpose are DNA scaffolds manufactured |       |         |
|                                 | Type               | Numeric                                             |       |         |
|                                 | Format             | F8                                                  |       |         |
|                                 | Measurement        | Scale                                               |       |         |
| N                               | Valid              | 168                                                 |       |         |
|                                 | Missing            | 24                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 1.77                                                |       |         |
|                                 | Standard Deviation | .819                                                |       |         |
|                                 | Percentile 25      | 1.00                                                |       |         |
|                                 | Percentile 50      | 2.00                                                |       |         |
|                                 | Percentile 75      | 2.00                                                |       |         |
| Labeled Values                  | 1                  | Making computer chips                               | 78    | 40.6%   |
|                                 | 2                  | Making new organisms                                | 53    | 27.6%   |
|                                 | 3                  | Making nanobots                                     | 35    | 18.2%   |
|                                 | 4                  | Making new buildings                                | 2     | 1.0%    |

#### a4kq05

|                                 |                    |                                          |       |         |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
|                                 |                    | Value                                    | Count | Percent |
| Standard Attributes             | Position           | 720                                      |       |         |
|                                 | Label              | A4: What was the U. S. eugenics movement |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
| N                               | Valid              | 168                                      |       |         |
|                                 | Missing            | 24                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.78                                     |       |         |
|                                 | Standard Deviation | .851                                     |       |         |

|                |               |                                                                                                                          |    |       |
|----------------|---------------|--------------------------------------------------------------------------------------------------------------------------|----|-------|
|                | Percentile 25 | 1.00                                                                                                                     |    |       |
|                | Percentile 50 | 2.00                                                                                                                     |    |       |
|                | Percentile 75 | 2.00                                                                                                                     |    |       |
| Labeled Values | 1             | The movement in the early Twentieth Century supporting the sterilization of humans with undesirable traits               | 72 | 37.5% |
|                | 2             | The movement in the late Twentieth Century to map the human genome                                                       | 72 | 37.5% |
|                | 3             | A movement by geneticists to use a new methods involving the compound uracil, first discovered in the Nineteenth Century | 13 | 6.8%  |
|                | 4             | There was no United States eugenics movement                                                                             | 11 | 5.7%  |

#### a4kq06

|                                 |                    | Value                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 721                                                               |       |         |
|                                 | Label              | A4: What do some ppl say is 1 prob with encouraging NG R&D        |       |         |
|                                 | Type               | Numeric                                                           |       |         |
|                                 | Format             | F8                                                                |       |         |
|                                 | Measurement        | Scale                                                             |       |         |
| N                               | Valid              | 168                                                               |       |         |
|                                 | Missing            | 24                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 1.29                                                              |       |         |
|                                 | Standard Deviation | .769                                                              |       |         |
|                                 | Percentile 25      | 1.00                                                              |       |         |
|                                 | Percentile 50      | 1.00                                                              |       |         |
|                                 | Percentile 75      | 1.00                                                              |       |         |
| Labeled Values                  | 1                  | People have different opinions about what a disease is.           | 144   | 75.0%   |
|                                 | 2                  | We already know that diseases can not be cured with nanogenomics. | 6     | 3.1%    |
|                                 | 3                  | Present cures for diseases are cheaper.                           | 11    | 5.7%    |
|                                 | 4                  | Nanobots can only cure some diseases, but not all.                | 7     | 3.6%    |

#### a4kq07

|                     |          | Value                           | Count | Percent |
|---------------------|----------|---------------------------------|-------|---------|
| Standard Attributes | Position | 722                             |       |         |
|                     | Label    | A4: What is genetic engineering |       |         |

|                                 |                    |                                                               |     |       |
|---------------------------------|--------------------|---------------------------------------------------------------|-----|-------|
|                                 | Type               | Numeric                                                       |     |       |
|                                 | Format             | F8                                                            |     |       |
|                                 | Measurement        | Scale                                                         |     |       |
| N                               | Valid              | 168                                                           |     |       |
|                                 | Missing            | 24                                                            |     |       |
| Central Tendency and Dispersion | Mean               | 1.27                                                          |     |       |
|                                 | Standard Deviation | .643                                                          |     |       |
|                                 | Percentile 25      | 1.00                                                          |     |       |
|                                 | Percentile 50      | 1.00                                                          |     |       |
|                                 | Percentile 75      | 1.00                                                          |     |       |
| Labeled Values                  | 1                  | The changing of the structure of genetic material             | 139 | 72.4% |
|                                 | 2                  | The engineering of new organisms and life forms               | 15  | 7.8%  |
|                                 | 3                  | The engineering of electronic devices using genetic materials | 12  | 6.3%  |
|                                 | 4                  | The method by which taxonomists edit transgenic traits        | 2   | 1.0%  |

#### a4kq08

|                                 |                    | Value                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------|-------|---------|
| Standard Attributes             | Position           | 723                               |       |         |
|                                 | Label              | A4: What does ELSI stand for      |       |         |
|                                 | Type               | Numeric                           |       |         |
|                                 | Format             | F8                                |       |         |
|                                 | Measurement        | Scale                             |       |         |
| N                               | Valid              | 168                               |       |         |
|                                 | Missing            | 24                                |       |         |
| Central Tendency and Dispersion | Mean               | 1.35                              |       |         |
|                                 | Standard Deviation | .889                              |       |         |
|                                 | Percentile 25      | 1.00                              |       |         |
|                                 | Percentile 50      | 1.00                              |       |         |
|                                 | Percentile 75      | 1.00                              |       |         |
| Labeled Values                  | 1                  | Ethical, legal, and social issues | 144   | 75.0%   |
|                                 | 2                  | Enteric lethal symbiosis in ice   | 3     | 1.6%    |
|                                 | 3                  | Early lysine-saline injection     | 8     | 4.2%    |
|                                 | 4                  | Enteric-lysine sulfur iodine      | 13    | 6.8%    |

#### a4kq09

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 724   |       |         |

|                                 |                    |                                            |    |       |
|---------------------------------|--------------------|--------------------------------------------|----|-------|
|                                 | Label              | A4: Which of these is between 1 and 100 nm |    |       |
|                                 | Type               | Numeric                                    |    |       |
|                                 | Format             | F8                                         |    |       |
|                                 | Measurement        | Scale                                      |    |       |
| N                               | Valid              | 168                                        |    |       |
|                                 | Missing            | 24                                         |    |       |
| Central Tendency and Dispersion | Mean               | 2.36                                       |    |       |
|                                 | Standard Deviation | 1.360                                      |    |       |
|                                 | Percentile 25      | 1.00                                       |    |       |
|                                 | Percentile 50      | 2.00                                       |    |       |
|                                 | Percentile 75      | 4.00                                       |    |       |
| Labeled Values                  | 1                  | DNA                                        | 76 | 39.6% |
|                                 | 2                  | The head of a pin                          | 14 | 7.3%  |
|                                 | 3                  | A human hair                               | 19 | 9.9%  |
|                                 | 4                  | DNA base-pairs                             | 59 | 30.7% |

#### a4kq10

|                                 |                    | Value                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 725                                                                               |       |         |
|                                 | Label              | A4: What are second order effects                                                 |       |         |
|                                 | Type               | Numeric                                                                           |       |         |
|                                 | Format             | F8                                                                                |       |         |
|                                 | Measurement        | Scale                                                                             |       |         |
| N                               | Valid              | 168                                                                               |       |         |
|                                 | Missing            | 24                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 1.26                                                                              |       |         |
|                                 | Standard Deviation | .647                                                                              |       |         |
|                                 | Percentile 25      | 1.00                                                                              |       |         |
|                                 | Percentile 50      | 1.00                                                                              |       |         |
|                                 | Percentile 75      | 1.00                                                                              |       |         |
| Labeled Values                  | 1                  | Indirect consequences of certain actions and developments                         | 140   | 72.9%   |
|                                 | 2                  | The second effect of a certain action or development                              | 17    | 8.9%    |
|                                 | 3                  | The effects that the second child of a family has on the rest of the family       | 7     | 3.6%    |
|                                 | 4                  | Effects of genetically modified foods that directly affect animals but not people | 4     | 2.1%    |

#### a4kq11

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 726   |       |         |

|                                 |                    |                                                                                                                  |     |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|-----|-------|
|                                 | Label              | A4: Which of these is a real reason for caution for NT R&D                                                       |     |       |
|                                 | Type               | Numeric                                                                                                          |     |       |
|                                 | Format             | F8                                                                                                               |     |       |
|                                 | Measurement        | Scale                                                                                                            |     |       |
| N                               | Valid              | 168                                                                                                              |     |       |
|                                 | Missing            | 24                                                                                                               |     |       |
| Central Tendency and Dispersion | Mean               | 1.59                                                                                                             |     |       |
|                                 | Standard Deviation | .981                                                                                                             |     |       |
|                                 | Percentile 25      | 1.00                                                                                                             |     |       |
|                                 | Percentile 50      | 1.00                                                                                                             |     |       |
|                                 | Percentile 75      | 2.00                                                                                                             |     |       |
| Labeled Values                  | 1                  | Materials that are harmless at the macro-level often have different properties at the nano-level                 | 113 | 58.9% |
|                                 | 2                  | Researchers are using advances in nanogenomics to create biological weapons that could fall into the wrong hands | 27  | 14.1% |
|                                 | 3                  | Researchers are using nanogenomics to create nano-sized, self-replicating robots                                 | 12  | 6.3%  |
|                                 | 4                  | DNA "scaffolds" have been shown to be sentient                                                                   | 16  | 8.3%  |

#### a4kq12

|                                 |                    | Value                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 727                                      |       |         |
|                                 | Label              | A4: RNAi is promising for which of these |       |         |
|                                 | Type               | Numeric                                  |       |         |
|                                 | Format             | F8                                       |       |         |
|                                 | Measurement        | Scale                                    |       |         |
| N                               | Valid              | 168                                      |       |         |
|                                 | Missing            | 24                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.03                                     |       |         |
|                                 | Standard Deviation | 1.086                                    |       |         |
|                                 | Percentile 25      | 2.00                                     |       |         |
|                                 | Percentile 50      | 4.00                                     |       |         |
|                                 | Percentile 75      | 4.00                                     |       |         |
| Labeled Values                  | 1                  | Cancer                                   | 15    | 7.8%    |
|                                 | 2                  | Alzheimer's                              | 51    | 26.6%   |
|                                 | 3                  | Inflammatory Bowel Disease               | 16    | 8.3%    |
|                                 | 4                  | All of the above                         | 86    | 44.8%   |

**a4kq13**

|                                 |                    | Value                                               | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 728                                                 |       |         |
|                                 | Label              | A4: Which of these could be eliminated with NG tech |       |         |
|                                 | Type               | Numeric                                             |       |         |
|                                 | Format             | F8                                                  |       |         |
|                                 | Measurement        | Scale                                               |       |         |
| N                               | Valid              | 168                                                 |       |         |
|                                 | Missing            | 24                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.87                                                |       |         |
|                                 | Standard Deviation | .520                                                |       |         |
|                                 | Percentile 25      | 4.00                                                |       |         |
|                                 | Percentile 50      | 4.00                                                |       |         |
|                                 | Percentile 75      | 4.00                                                |       |         |
| Labeled Values                  | 1                  | Cosmetic abnormalities                              | 3     | 1.6%    |
|                                 | 2                  | Physical disabilities with which people are born    | 4     | 2.1%    |
|                                 | 3                  | Mental disabilities with which people are born      | 5     | 2.6%    |
|                                 | 4                  | All of the above                                    | 156   | 81.3%   |

**a4kq14**

|                                 |                    | Value                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------|-------|---------|
| Standard Attributes             | Position           | 729                              |       |         |
|                                 | Label              | A4: How many nanometers in 1m    |       |         |
|                                 | Type               | Numeric                          |       |         |
|                                 | Format             | F8                               |       |         |
|                                 | Measurement        | Scale                            |       |         |
| N                               | Valid              | 168                              |       |         |
|                                 | Missing            | 24                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.05                             |       |         |
|                                 | Standard Deviation | .602                             |       |         |
|                                 | Percentile 25      | 2.00                             |       |         |
|                                 | Percentile 50      | 2.00                             |       |         |
|                                 | Percentile 75      | 2.00                             |       |         |
| Labeled Values                  | 1                  | 1,000,000,000,000 (One trillion) | 23    | 12.0%   |
|                                 | 2                  | 1,000,000,000 (One billion)      | 116   | 60.4%   |
|                                 | 3                  | 1,000,000 (One million)          | 26    | 13.5%   |
|                                 | 4                  | .000001 (One millionth)          | 3     | 1.6%    |

**a4kq15**

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                             |    |       |
|---------------------------------|--------------------|---------------------------------------------|----|-------|
| Standard Attributes             | Position           | 730                                         |    |       |
|                                 | Label              | A4: Which of these could be experimented on |    |       |
|                                 | Type               | Numeric                                     |    |       |
|                                 | Format             | F8                                          |    |       |
|                                 | Measurement        | Scale                                       |    |       |
| N                               | Valid              | 168                                         |    |       |
|                                 | Missing            | 24                                          |    |       |
| Central Tendency and Dispersion | Mean               | 3.76                                        |    |       |
|                                 | Standard Deviation | 1.707                                       |    |       |
|                                 | Percentile 25      | 1.50                                        |    |       |
|                                 | Percentile 50      | 5.00                                        |    |       |
|                                 | Percentile 75      | 5.00                                        |    |       |
| Labeled Values                  | 1                  | DNA                                         | 42 | 21.9% |
|                                 | 2                  | Quarks                                      | 4  | 2.1%  |
|                                 | 3                  | Neutrinos                                   | 4  | 2.1%  |
|                                 | 4                  | Creation of human embryos                   | 20 | 10.4% |
|                                 | 5                  | All of the above                            | 98 | 51.0% |

### Q235\_1

|                                 |                    |                    |  |
|---------------------------------|--------------------|--------------------|--|
|                                 |                    | Value              |  |
| Standard Attributes             | Position           | 731                |  |
|                                 | Label              | Timing-First Click |  |
|                                 | Type               | Numeric            |  |
|                                 | Format             | F8.2               |  |
|                                 | Measurement        | Scale              |  |
| N                               | Valid              | 168                |  |
|                                 | Missing            | 24                 |  |
| Central Tendency and Dispersion | Mean               | 25.6212            |  |
|                                 | Standard Deviation | 66.21976           |  |
|                                 | Percentile 25      | 10.6140            |  |
|                                 | Percentile 50      | 16.8015            |  |
|                                 | Percentile 75      | 25.1565            |  |

### Q235\_2

|                                 |                    |                   |  |
|---------------------------------|--------------------|-------------------|--|
|                                 |                    | Value             |  |
| Standard Attributes             | Position           | 732               |  |
|                                 | Label              | Timing-Last Click |  |
|                                 | Type               | Numeric           |  |
|                                 | Format             | F8.2              |  |
|                                 | Measurement        | Scale             |  |
| N                               | Valid              | 168               |  |
|                                 | Missing            | 24                |  |
| Central Tendency and Dispersion | Mean               | 316.1091          |  |
|                                 | Standard Deviation | 320.31768         |  |
|                                 | Percentile 25      | 182.9445          |  |
|                                 | Percentile 50      | 246.9755          |  |
|                                 | Percentile 75      | 334.8315          |  |

### Q235\_3

|                     |          |                    |  |
|---------------------|----------|--------------------|--|
|                     |          | Value              |  |
| Standard Attributes | Position | 733                |  |
|                     | Label    | Timing-Page Submit |  |
|                     | Type     | Numeric            |  |

|                                 |                    |           |
|---------------------------------|--------------------|-----------|
|                                 | Format             | F8.2      |
|                                 | Measurement        | Scale     |
| N                               | Valid              | 168       |
|                                 | Missing            | 24        |
| Central Tendency and Dispersion | Mean               | 318.8463  |
|                                 | Standard Deviation | 320.19134 |
|                                 | Percentile 25      | 184.0790  |
|                                 | Percentile 50      | 250.1110  |
|                                 | Percentile 75      | 339.7980  |

#### Q235\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 | Value              |                    |
|                                 | Position           | 734                |
| Standard Attributes             | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 32.0714            |
|                                 | Standard Deviation | 21.52191           |
|                                 | Percentile 25      | 22.0000            |
|                                 | Percentile 50      | 27.0000            |
|                                 | Percentile 75      | 34.5000            |

#### a4Nanorate\_1

|                                 |                    |                                                                                                                                                               |       |         |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
|                                 | Value              |                                                                                                                                                               | Count | Percent |
|                                 | Position           | 735                                                                                                                                                           |       |         |
| Standard Attributes             | Label              | When it comes to nanotechnology, how important are the following to you?- Making decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                         |       |         |
| N                               | Valid              | 168                                                                                                                                                           |       |         |
|                                 | Missing            | 24                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.45                                                                                                                                                          |       |         |
|                                 | Standard Deviation | .894                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                                                                   | 1     | 0.5%    |
|                                 | 2                  | Slightly Important                                                                                                                                            | 23    | 12.0%   |
|                                 | 3                  | Important                                                                                                                                                     | 63    | 32.8%   |
|                                 | 4                  | Very Important                                                                                                                                                | 61    | 31.8%   |
|                                 | 5                  | Incredibly Important                                                                                                                                          | 20    | 10.4%   |

#### a4Nanorate\_2

|                     |          |     |       |         |
|---------------------|----------|-----|-------|---------|
|                     | Value    |     | Count | Percent |
|                     | Position | 736 |       |         |
| Standard Attributes |          |     |       |         |

|                                 |                    |                                                                                                                 |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | When it comes to nanotechnology, how important are the following to you?- Minimizing potential risks for humans |    |       |
|                                 | Type               | Numeric                                                                                                         |    |       |
|                                 | Format             | F8                                                                                                              |    |       |
|                                 | Measurement        | Scale                                                                                                           |    |       |
| N                               | Valid              | 168                                                                                                             |    |       |
|                                 | Missing            | 24                                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 4.23                                                                                                            |    |       |
|                                 | Standard Deviation | .847                                                                                                            |    |       |
|                                 | Percentile 25      | 4.00                                                                                                            |    |       |
|                                 | Percentile 50      | 4.00                                                                                                            |    |       |
|                                 | Percentile 75      | 5.00                                                                                                            |    |       |
| Labeled Values                  | 1                  | Unimportant                                                                                                     | 0  | 0.0%  |
|                                 | 2                  | Slightly Important                                                                                              | 5  | 2.6%  |
|                                 | 3                  | Important                                                                                                       | 30 | 15.6% |
|                                 | 4                  | Very Important                                                                                                  | 54 | 28.1% |
|                                 | 5                  | Incredibly Important                                                                                            | 79 | 41.1% |

#### a4Nanorate\_4

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 737                                                                                                                |       |         |
|                                 | Label              | When it comes to nanotechnology, how important are the following to you?- Minimizing potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 168                                                                                                                |       |         |
|                                 | Missing            | 24                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.83                                                                                                               |       |         |
|                                 | Standard Deviation | .960                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                               |       |         |
|                                 | Percentile 50      | 4.00                                                                                                               |       |         |
|                                 | Percentile 75      | 5.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                        | 1     | 0.5%    |
|                                 | 2                  | Slightly Important                                                                                                 | 15    | 7.8%    |
|                                 | 3                  | Important                                                                                                          | 43    | 22.4%   |
|                                 | 4                  | Very Important                                                                                                     | 62    | 32.3%   |
|                                 | 5                  | Incredibly Important                                                                                               | 47    | 24.5%   |

#### a4Nanorate\_3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 738   |       |         |

|                                 |                    |                                                                                                                                                      |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | When it comes to nanotechnology, how important are the following to you?- Studying the social and ethical impacts and implications of nanotechnology |    |       |
|                                 | Type               | Numeric                                                                                                                                              |    |       |
|                                 | Format             | F8                                                                                                                                                   |    |       |
|                                 | Measurement        | Scale                                                                                                                                                |    |       |
| N                               | Valid              | 168                                                                                                                                                  |    |       |
|                                 | Missing            | 24                                                                                                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.89                                                                                                                                                 |    |       |
|                                 | Standard Deviation | .925                                                                                                                                                 |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                                 |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                                                 |    |       |
|                                 | Percentile 75      | 5.00                                                                                                                                                 |    |       |
| Labeled Values                  | 1                  | Unimportant                                                                                                                                          | 2  | 1.0%  |
|                                 | 2                  | Slightly Important                                                                                                                                   | 10 | 5.2%  |
|                                 | 3                  | Important                                                                                                                                            | 40 | 20.8% |
|                                 | 4                  | Very Important                                                                                                                                       | 69 | 35.9% |
|                                 | 5                  | Incredibly Important                                                                                                                                 | 47 | 24.5% |

#### a4Nanorate\_5

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 739                                                                                                     |       |         |
|                                 | Label              | When it comes to nanotechnology, how important are the following to you?- Maximizing potential benefits |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 168                                                                                                     |       |         |
|                                 | Missing            | 24                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.82                                                                                                    |       |         |
|                                 | Standard Deviation | .995                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                                                                    |       |         |
|                                 | Percentile 75      | 5.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                             | 3     | 1.6%    |
|                                 | 2                  | Slightly Important                                                                                      | 10    | 5.2%    |
|                                 | 3                  | Important                                                                                               | 53    | 27.6%   |
|                                 | 4                  | Very Important                                                                                          | 51    | 26.6%   |
|                                 | 5                  | Incredibly Important                                                                                    | 51    | 26.6%   |

#### a4Nanosum\_1

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 740   |

|                                 |                    |                                                                                                                 |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|
|                                 | Label              | A4: Importance: Percentages-Making decisions about the most important directions for nanotechnology development |
|                                 | Type               | Numeric                                                                                                         |
|                                 | Format             | F8.2                                                                                                            |
|                                 | Measurement        | Scale                                                                                                           |
| N                               | Valid              | 168                                                                                                             |
|                                 | Missing            | 24                                                                                                              |
| Central Tendency and Dispersion | Mean               | 15.0714                                                                                                         |
|                                 | Standard Deviation | 7.63742                                                                                                         |
|                                 | Percentile 25      | 10.0000                                                                                                         |
|                                 | Percentile 50      | 15.0000                                                                                                         |
|                                 | Percentile 75      | 20.0000                                                                                                         |

#### a4Nanosum\_2

|                                 |                    |                                                                   |
|---------------------------------|--------------------|-------------------------------------------------------------------|
|                                 |                    | Value                                                             |
| Standard Attributes             | Position           | 741                                                               |
|                                 | Label              | A4: Importance: Percentages-Minimizing potential risks for humans |
|                                 | Type               | Numeric                                                           |
|                                 | Format             | F8.2                                                              |
|                                 | Measurement        | Scale                                                             |
| N                               | Valid              | 168                                                               |
|                                 | Missing            | 24                                                                |
| Central Tendency and Dispersion | Mean               | 31.5863                                                           |
|                                 | Standard Deviation | 13.71622                                                          |
|                                 | Percentile 25      | 21.0000                                                           |
|                                 | Percentile 50      | 30.0000                                                           |
|                                 | Percentile 75      | 40.0000                                                           |

#### a4Nanosum\_4

|                                 |                    |                                                                      |
|---------------------------------|--------------------|----------------------------------------------------------------------|
|                                 |                    | Value                                                                |
| Standard Attributes             | Position           | 742                                                                  |
|                                 | Label              | A4: Importance: Percentages-Minimizing potential environmental risks |
|                                 | Type               | Numeric                                                              |
|                                 | Format             | F8.2                                                                 |
|                                 | Measurement        | Scale                                                                |
| N                               | Valid              | 168                                                                  |
|                                 | Missing            | 24                                                                   |
| Central Tendency and Dispersion | Mean               | 17.8244                                                              |
|                                 | Standard Deviation | 8.70545                                                              |
|                                 | Percentile 25      | 10.0000                                                              |
|                                 | Percentile 50      | 20.0000                                                              |
|                                 | Percentile 75      | 23.0000                                                              |

#### a4Nanosum\_3

|                     |          |                                                                                                        |
|---------------------|----------|--------------------------------------------------------------------------------------------------------|
|                     |          | Value                                                                                                  |
| Standard Attributes | Position | 743                                                                                                    |
|                     | Label    | A4: Importance: Percentages-Studying the social and ethical impacts and implications of nanotechnology |
|                     | Type     | Numeric                                                                                                |

|                                 |                    |         |
|---------------------------------|--------------------|---------|
|                                 | Format             | F8.2    |
|                                 | Measurement        | Scale   |
| N                               | Valid              | 168     |
|                                 | Missing            | 24      |
| Central Tendency and Dispersion | Mean               | 16.8125 |
|                                 | Standard Deviation | 8.27352 |
|                                 | Percentile 25      | 10.0000 |
|                                 | Percentile 50      | 15.0000 |
|                                 | Percentile 75      | 20.0000 |

#### a4Nanosum\_5

|                                 |                    |                                                            |
|---------------------------------|--------------------|------------------------------------------------------------|
|                                 |                    | Value                                                      |
| Standard Attributes             | Position           | 744                                                        |
|                                 | Label              | A4: Importance: Percentages- Maximizing potential benefits |
|                                 | Type               | Numeric                                                    |
|                                 | Format             | F8.2                                                       |
|                                 | Measurement        | Scale                                                      |
| N                               | Valid              | 168                                                        |
|                                 | Missing            | 24                                                         |
| Central Tendency and Dispersion | Mean               | 18.7054                                                    |
|                                 | Standard Deviation | 11.44857                                                   |
|                                 | Percentile 25      | 10.0000                                                    |
|                                 | Percentile 50      | 19.0000                                                    |
|                                 | Percentile 75      | 25.0000                                                    |

#### a4ATT04\_5

|                                 |                    |                                                                                                              |       |         |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
|                                 |                    | Value                                                                                                        | Count | Percent |
| Standard Attributes             | Position           | 745                                                                                                          |       |         |
|                                 | Label              | A4: Nanotech statement agreement- Nanotechnology is one of the more important issues confronting government. |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
| N                               | Valid              | 167                                                                                                          |       |         |
|                                 | Missing            | 25                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.28                                                                                                         |       |         |
|                                 | Standard Deviation | 1.187                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                            | 9     | 4.7%    |
|                                 | 2                  | Disagree                                                                                                     | 42    | 21.9%   |
|                                 | 3                  | Slightly Disagree                                                                                            | 37    | 19.3%   |
|                                 | 4                  | Slightly Agree                                                                                               | 54    | 28.1%   |
|                                 | 5                  | Agree                                                                                                        | 22    | 11.5%   |
|                                 | 6                  | Strongly Agree                                                                                               | 3     | 1.6%    |

#### a4ATT04\_6

|                                 |                    | Value                                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 746                                                                                                                                                                              |       |         |
|                                 | Label              | A4: Nanotech statement agreement-The risk of nanotechnology directly affecting physical things like human health, wildlife, or the environment in general is currently too high. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                                  |       |         |
| N                               | Valid              | 168                                                                                                                                                                              |       |         |
|                                 | Missing            | 24                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.49                                                                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.111                                                                                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                | 5     | 2.6%    |
|                                 | 2                  | Disagree                                                                                                                                                                         | 31    | 16.1%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                | 38    | 19.8%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                   | 70    | 36.5%   |
|                                 | 5                  | Agree                                                                                                                                                                            | 18    | 9.4%    |
|                                 | 6                  | Strongly Agree                                                                                                                                                                   | 6     | 3.1%    |

#### a4ATT04\_4

|                                 |                    | Value                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 747                                                                                                                                                              |       |         |
|                                 | Label              | A4: Nanotech statement agreement-The risk of nanotechnology affecting social systems like the economy, trade, and sustainable food supply is currently too high. |       |         |
|                                 | Type               | Numeric                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                  |       |         |
| N                               | Valid              | 168                                                                                                                                                              |       |         |
|                                 | Missing            | 24                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.064                                                                                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                | 7     | 3.6%    |
|                                 | 2                  | Disagree                                                                                                                                                         | 38    | 19.8%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                | 56    | 29.2%   |

|  |   |                |    |       |
|--|---|----------------|----|-------|
|  | 4 | Slightly Agree | 51 | 26.6% |
|  | 5 | Agree          | 13 | 6.8%  |
|  | 6 | Strongly Agree | 3  | 1.6%  |

#### a4ATT04\_3

|                                 |                    | Value                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 748                                                                                                               |       |         |
|                                 | Label              | A4: Nanotech statement agreement-The government will effectively manage any risks associated with nanotechnology. |       |         |
|                                 | Type               | Numeric                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                             |       |         |
|                                 |                    |                                                                                                                   |       |         |
| N                               | Valid              | 166                                                                                                               |       |         |
|                                 | Missing            | 26                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.34                                                                                                              |       |         |
|                                 | Standard Deviation | 1.059                                                                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                                                                              |       |         |
|                                 | Percentile 50      | 4.00                                                                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                                                                              |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                 | 9     | 4.7%    |
|                                 | 2                  | Disagree                                                                                                          | 28    | 14.6%   |
|                                 | 3                  | Slightly Disagree                                                                                                 | 45    | 23.4%   |
|                                 | 4                  | Slightly Agree                                                                                                    | 67    | 34.9%   |
|                                 | 5                  | Agree                                                                                                             | 16    | 8.3%    |
|                                 | 6                  | Strongly Agree                                                                                                    | 1     | 0.5%    |

#### a4ATT04\_2

|                                 |                    | Value                                                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 749                                                                                                                                                                        |       |         |
|                                 | Label              | A4: Nanotech statement agreement-We should develop nanotechnology at full speed despite its possible risks, in order to keep the U.S. from falling behind other countries. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                                                            |       |         |
| N                               | Valid              | 168                                                                                                                                                                        |       |         |
|                                 | Missing            | 24                                                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.74                                                                                                                                                                       |       |         |
|                                 | Standard Deviation | 1.314                                                                                                                                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                       |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 75 | 4.00              |    |       |
| Labeled Values | 1             | Strongly Disagree | 37 | 19.3% |
|                | 2             | Disagree          | 40 | 20.8% |
|                | 3             | Slightly Disagree | 40 | 20.8% |
|                | 4             | Slightly Agree    | 34 | 17.7% |
|                | 5             | Agree             | 15 | 7.8%  |
|                | 6             | Strongly Agree    | 2  | 1.0%  |

#### a4ATT04\_1

|                                 |                    | Value                                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 750                                                                                                                                                                               |       |         |
|                                 | Label              | A4: Nanotech statement agreement-Due to the fact that some have expressed strong concern about nanotechnology's risks, we should have a world ban on new nanotechnology products. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                                   |       |         |
| N                               | Valid              | 168                                                                                                                                                                               |       |         |
|                                 | Missing            | 24                                                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.22                                                                                                                                                                              |       |         |
|                                 | Standard Deviation | 1.155                                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                 | 56    | 29.2%   |
|                                 | 2                  | Disagree                                                                                                                                                                          | 53    | 27.6%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                 | 31    | 16.1%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                    | 23    | 12.0%   |
|                                 | 5                  | Agree                                                                                                                                                                             | 4     | 2.1%    |
|                                 | 6                  | Strongly Agree                                                                                                                                                                    | 1     | 0.5%    |

#### a4ATT02\_1

|                                 |                    | Value                                                                |
|---------------------------------|--------------------|----------------------------------------------------------------------|
| Standard Attributes             | Position           | 751                                                                  |
|                                 | Label              | A4: Benefits ranking-New and better ways to clean up the environment |
|                                 | Type               | Numeric                                                              |
|                                 | Format             | F8.2                                                                 |
|                                 | Measurement        | Scale                                                                |
|                                 |                    |                                                                      |
| N                               | Valid              | 168                                                                  |
|                                 | Missing            | 24                                                                   |
| Central Tendency and Dispersion | Mean               | 3.8929                                                               |
|                                 | Standard Deviation | 1.61962                                                              |
|                                 | Percentile 25      | 3.0000                                                               |
|                                 | Percentile 50      | 4.0000                                                               |
|                                 | Percentile 75      | 5.0000                                                               |

**a4ATT02\_2**

|                                 |                    | Value                                                                                     |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 752                                                                                       |
|                                 | Label              | A4: Benefits ranking-<br>The ability to improve<br>humans through<br>genetic manipulation |
|                                 | Type               | Numeric                                                                                   |
|                                 | Format             | F8.2                                                                                      |
|                                 | Measurement        | Scale                                                                                     |
| N                               | Valid              | 168                                                                                       |
|                                 | Missing            | 24                                                                                        |
| Central Tendency and Dispersion | Mean               | 5.3095                                                                                    |
|                                 | Standard Deviation | 1.92666                                                                                   |
|                                 | Percentile 25      | 4.0000                                                                                    |
|                                 | Percentile 50      | 6.0000                                                                                    |
|                                 | Percentile 75      | 7.0000                                                                                    |

**a4ATT02\_3**

|                                 |                    | Value                                                                               |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 753                                                                                 |
|                                 | Label              | A4: Benefits ranking-<br>Increased national<br>security and defense<br>capabilities |
|                                 | Type               | Numeric                                                                             |
|                                 | Format             | F8.2                                                                                |
|                                 | Measurement        | Scale                                                                               |
| N                               | Valid              | 168                                                                                 |
|                                 | Missing            | 24                                                                                  |
| Central Tendency and Dispersion | Mean               | 4.5179                                                                              |
|                                 | Standard Deviation | 1.71284                                                                             |
|                                 | Percentile 25      | 3.0000                                                                              |
|                                 | Percentile 50      | 5.0000                                                                              |
|                                 | Percentile 75      | 6.0000                                                                              |

**a4ATT02\_4**

|                                 |                    | Value                                                                    |
|---------------------------------|--------------------|--------------------------------------------------------------------------|
| Standard Attributes             | Position           | 754                                                                      |
|                                 | Label              | A4: Benefits ranking-<br>Cheaper, longer<br>lasting consumer<br>products |
|                                 | Type               | Numeric                                                                  |
|                                 | Format             | F8.2                                                                     |
|                                 | Measurement        | Scale                                                                    |
| N                               | Valid              | 168                                                                      |
|                                 | Missing            | 24                                                                       |
| Central Tendency and Dispersion | Mean               | 4.7560                                                                   |
|                                 | Standard Deviation | 1.61393                                                                  |
|                                 | Percentile 25      | 4.0000                                                                   |
|                                 | Percentile 50      | 5.0000                                                                   |
|                                 | Percentile 75      | 6.0000                                                                   |

**a4ATT02\_5**

|                     |          | Value                                                                                 |
|---------------------|----------|---------------------------------------------------------------------------------------|
| Standard Attributes | Position | 755                                                                                   |
|                     | Label    | A4: Benefits ranking-<br>New and better ways<br>to treat and detect<br>human diseases |
|                     | Type     | Numeric                                                                               |
|                     | Format   | F8.2                                                                                  |

|                                 |                    |         |
|---------------------------------|--------------------|---------|
|                                 | Measurement        | Scale   |
| N                               | Valid              | 168     |
|                                 | Missing            | 24      |
| Central Tendency and Dispersion | Mean               | 1.8214  |
|                                 | Standard Deviation | 1.44073 |
|                                 | Percentile 25      | 1.0000  |
|                                 | Percentile 50      | 1.0000  |
|                                 | Percentile 75      | 2.0000  |

#### a4ATT02\_6

|                                 |                    |                                                                       |
|---------------------------------|--------------------|-----------------------------------------------------------------------|
|                                 |                    | Value                                                                 |
| Standard Attributes             | Position           | 756                                                                   |
|                                 | Label              | A4: Benefits ranking-<br>A greater utilization of<br>renewable energy |
|                                 | Type               | Numeric                                                               |
|                                 | Format             | F8.2                                                                  |
|                                 | Measurement        | Scale                                                                 |
|                                 |                    |                                                                       |
| N                               | Valid              | 168                                                                   |
|                                 | Missing            | 24                                                                    |
| Central Tendency and Dispersion | Mean               | 2.9821                                                                |
|                                 | Standard Deviation | 1.50637                                                               |
|                                 | Percentile 25      | 2.0000                                                                |
|                                 | Percentile 50      | 3.0000                                                                |
|                                 | Percentile 75      | 4.0000                                                                |

#### a4ATT02\_7

|                                 |                    |                                                                                                       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                 |
| Standard Attributes             | Position           | 757                                                                                                   |
|                                 | Label              | A4: Benefits ranking-<br>The ability to use<br>nanomedicines to<br>improve human<br>mental capacities |
|                                 | Type               | Numeric                                                                                               |
|                                 | Format             | F8.2                                                                                                  |
|                                 | Measurement        | Scale                                                                                                 |
|                                 |                    |                                                                                                       |
| N                               | Valid              | 168                                                                                                   |
|                                 | Missing            | 24                                                                                                    |
| Central Tendency and Dispersion | Mean               | 4.7202                                                                                                |
|                                 | Standard Deviation | 1.74042                                                                                               |
|                                 | Percentile 25      | 3.0000                                                                                                |
|                                 | Percentile 50      | 5.0000                                                                                                |
|                                 | Percentile 75      | 6.0000                                                                                                |

#### a4ATT03\_1

|                                 |                    |                                                                                       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                 |
| Standard Attributes             | Position           | 758                                                                                   |
|                                 | Label              | A4: Risk ranking-<br>Economic disruption<br>caused by the loss of<br>traditional jobs |
|                                 | Type               | Numeric                                                                               |
|                                 | Format             | F8.2                                                                                  |
|                                 | Measurement        | Scale                                                                                 |
|                                 |                    |                                                                                       |
| N                               | Valid              | 168                                                                                   |
|                                 | Missing            | 24                                                                                    |
| Central Tendency and Dispersion | Mean               | 4.9345                                                                                |
|                                 | Standard Deviation | 1.76845                                                                               |
|                                 | Percentile 25      | 4.0000                                                                                |
|                                 | Percentile 50      | 5.0000                                                                                |
|                                 | Percentile 75      | 6.0000                                                                                |

**a4ATT03\_2**

|                                 |                    | Value                                                                          |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 759                                                                            |
|                                 | Label              | A4: Risk ranking-Losing your personal privacy to tiny new surveillance devices |
|                                 | Type               | Numeric                                                                        |
|                                 | Format             | F8.2                                                                           |
|                                 | Measurement        | Scale                                                                          |
| N                               | Valid              | 168                                                                            |
|                                 | Missing            | 24                                                                             |
| Central Tendency and Dispersion | Mean               | 4.9762                                                                         |
|                                 | Standard Deviation | 1.81132                                                                        |
|                                 | Percentile 25      | 4.0000                                                                         |
|                                 | Percentile 50      | 5.0000                                                                         |
|                                 | Percentile 75      | 6.0000                                                                         |

**a4ATT03\_3**

|                                 |                    | Value                                                                                   |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 760                                                                                     |
|                                 | Label              | A4: Risk ranking-A nanotechnology inspired arms race between the U.S. and other nations |
|                                 | Type               | Numeric                                                                                 |
|                                 | Format             | F8.2                                                                                    |
|                                 | Measurement        | Scale                                                                                   |
| N                               | Valid              | 168                                                                                     |
|                                 | Missing            | 24                                                                                      |
| Central Tendency and Dispersion | Mean               | 4.3333                                                                                  |
|                                 | Standard Deviation | 1.96578                                                                                 |
|                                 | Percentile 25      | 3.0000                                                                                  |
|                                 | Percentile 50      | 5.0000                                                                                  |
|                                 | Percentile 75      | 6.0000                                                                                  |

**a4ATT03\_4**

|                                 |                    | Value                                                                          |
|---------------------------------|--------------------|--------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 761                                                                            |
|                                 | Label              | A4: Risk ranking-New health problems for people due to the use of nanomedicine |
|                                 | Type               | Numeric                                                                        |
|                                 | Format             | F8.2                                                                           |
|                                 | Measurement        | Scale                                                                          |
| N                               | Valid              | 168                                                                            |
|                                 | Missing            | 24                                                                             |
| Central Tendency and Dispersion | Mean               | 2.3988                                                                         |
|                                 | Standard Deviation | 1.53264                                                                        |
|                                 | Percentile 25      | 1.0000                                                                         |
|                                 | Percentile 50      | 2.0000                                                                         |
|                                 | Percentile 75      | 3.0000                                                                         |

**a4ATT03\_5**

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 762   |

|                                 |                    |                                                                                           |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------|
|                                 | Label              | A4: Risk ranking-Unexpected problems due to the use of nanogenomics to alter genetic code |
|                                 | Type               | Numeric                                                                                   |
|                                 | Format             | F8.2                                                                                      |
|                                 | Measurement        | Scale                                                                                     |
| N                               | Valid              | 168                                                                                       |
|                                 | Missing            | 24                                                                                        |
| Central Tendency and Dispersion | Mean               | 2.5417                                                                                    |
|                                 | Standard Deviation | 1.62265                                                                                   |
|                                 | Percentile 25      | 1.0000                                                                                    |
|                                 | Percentile 50      | 2.0000                                                                                    |
|                                 | Percentile 75      | 3.0000                                                                                    |

#### a4ATT03\_6

|                                 |                    |                                                                |
|---------------------------------|--------------------|----------------------------------------------------------------|
|                                 |                    | Value                                                          |
| Standard Attributes             | Position           | 763                                                            |
|                                 | Label              | A4: Risk ranking-Pollution of the environment by nanomaterials |
|                                 | Type               | Numeric                                                        |
|                                 | Format             | F8.2                                                           |
|                                 | Measurement        | Scale                                                          |
| N                               | Valid              | 168                                                            |
|                                 | Missing            | 24                                                             |
| Central Tendency and Dispersion | Mean               | 4.3333                                                         |
|                                 | Standard Deviation | 1.72223                                                        |
|                                 | Percentile 25      | 3.0000                                                         |
|                                 | Percentile 50      | 4.0000                                                         |
|                                 | Percentile 75      | 5.5000                                                         |

#### a4ATT03\_7

|                                 |                    |                                                                                   |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------|
|                                 |                    | Value                                                                             |
| Standard Attributes             | Position           | 764                                                                               |
|                                 | Label              | A4: Risk ranking-Breathing tiny nano-sized particles that accumulate in your body |
|                                 | Type               | Numeric                                                                           |
|                                 | Format             | F8.2                                                                              |
|                                 | Measurement        | Scale                                                                             |
| N                               | Valid              | 168                                                                               |
|                                 | Missing            | 24                                                                                |
| Central Tendency and Dispersion | Mean               | 4.4821                                                                            |
|                                 | Standard Deviation | 1.71284                                                                           |
|                                 | Percentile 25      | 3.0000                                                                            |
|                                 | Percentile 50      | 4.0000                                                                            |
|                                 | Percentile 75      | 6.0000                                                                            |

#### Q129\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 765                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 268.9585           |
|                                 | Standard Deviation | 1982.73093         |

|  |               |         |
|--|---------------|---------|
|  | Percentile 25 | 10.8025 |
|  | Percentile 50 | 17.3230 |
|  | Percentile 75 | 29.3990 |

### Q129\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 766               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 168               |
|                                 | Missing            | 24                |
| Central Tendency and Dispersion | Mean               | 513.2634          |
|                                 | Standard Deviation | 2082.69756        |
|                                 | Percentile 25      | 172.6590          |
|                                 | Percentile 50      | 223.2620          |
|                                 | Percentile 75      | 312.0250          |

### Q129\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 767                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 519.3539           |
|                                 | Standard Deviation | 2082.33483         |
|                                 | Percentile 25      | 177.0190           |
|                                 | Percentile 50      | 227.3335           |
|                                 | Percentile 75      | 315.3890           |

### Q129\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 768                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 34.0952            |
|                                 | Standard Deviation | 10.11742           |
|                                 | Percentile 25      | 28.0000            |
|                                 | Percentile 50      | 32.0000            |
|                                 | Percentile 75      | 38.0000            |

### a4ATT06\_1\_1

|                     |          |                                                                                       |       |         |
|---------------------|----------|---------------------------------------------------------------------------------------|-------|---------|
|                     |          | Value                                                                                 | Count | Percent |
| Standard Attributes | Position | 769                                                                                   |       |         |
|                     | Label    | A4: NG: Effects Atts :<br>Likelihood-Drastic<br>reductions in the<br>effects of aging |       |         |
|                     | Type     | Numeric                                                                               |       |         |
|                     | Format   | F8                                                                                    |       |         |

|                                 | Measurement        | Scale             |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
| N                               | Valid              | 168               |    |       |
|                                 | Missing            | 24                |    |       |
| Central Tendency and Dispersion | Mean               | 3.12              |    |       |
|                                 | Standard Deviation | .853              |    |       |
|                                 | Percentile 25      | 3.00              |    |       |
|                                 | Percentile 50      | 3.00              |    |       |
|                                 | Percentile 75      | 4.00              |    |       |
| Labeled Values                  | 1                  | Not at all likely | 2  | 1.0%  |
|                                 | 2                  | Slightly likely   | 35 | 18.2% |
|                                 | 3                  | Somewhat likely   | 83 | 43.2% |
|                                 | 4                  | Very likely       | 37 | 19.3% |
|                                 | 5                  | Extremely likely  | 11 | 5.7%  |

#### a4ATT06\_1\_2

|                                 |                    | Value                                                                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 770                                                                                       |       |         |
|                                 | Label              | A4: NG: Effects Atts : Likelihood-The creation of "designer babies" (aka, "super babies") |       |         |
|                                 | Type               | Numeric                                                                                   |       |         |
|                                 | Format             | F8                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                     |       |         |
|                                 |                    |                                                                                           |       |         |
| N                               | Valid              | 168                                                                                       |       |         |
|                                 | Missing            | 24                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                      |       |         |
|                                 | Standard Deviation | 1.012                                                                                     |       |         |
|                                 | Percentile 25      | 2.50                                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                         | 8     | 4.2%    |
|                                 | 2                  | Slightly likely                                                                           | 34    | 17.7%   |
|                                 | 3                  | Somewhat likely                                                                           | 56    | 29.2%   |
|                                 | 4                  | Very likely                                                                               | 56    | 29.2%   |
|                                 | 5                  | Extremely likely                                                                          | 14    | 7.3%    |

#### a4ATT06\_1\_3

|                     |             | Value                                                                                       | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 771                                                                                         |       |         |
|                     | Label       | A4: NG: Effects Atts : Likelihood-No more passing on of genetic diseases to one's offspring |       |         |
|                     | Type        | Numeric                                                                                     |       |         |
|                     | Format      | F8                                                                                          |       |         |
|                     | Measurement | Scale                                                                                       |       |         |
|                     |             |                                                                                             |       |         |
| N                   | Valid       | 168                                                                                         |       |         |

|                                 |                    |                   |      |       |
|---------------------------------|--------------------|-------------------|------|-------|
|                                 | Missing            |                   | 24   |       |
| Central Tendency and Dispersion | Mean               |                   | 3.46 |       |
|                                 | Standard Deviation |                   | .921 |       |
|                                 | Percentile 25      |                   | 3.00 |       |
|                                 | Percentile 50      |                   | 4.00 |       |
|                                 | Percentile 75      |                   | 4.00 |       |
| Labeled Values                  | 1                  | Not at all likely | 5    | 2.6%  |
|                                 | 2                  | Slightly likely   | 18   | 9.4%  |
|                                 | 3                  | Somewhat likely   | 57   | 29.7% |
|                                 | 4                  | Very likely       | 71   | 37.0% |
|                                 | 5                  | Extremely likely  | 17   | 8.9%  |

#### a4ATT06\_1\_4

|                                 |                    | Value                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 772                                                             |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>Likelihood-A new<br>eugenics movement |       |         |
|                                 | Type               | Numeric                                                         |       |         |
|                                 | Format             | F8                                                              |       |         |
|                                 | Measurement        | Scale                                                           |       |         |
| N                               | Valid              | 168                                                             |       |         |
|                                 | Missing            | 24                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.99                                                            |       |         |
|                                 | Standard Deviation | .954                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                            |       |         |
| Labeled Values                  | 1                  | Not at all likely                                               | 13    | 6.8%    |
|                                 | 2                  | Slightly likely                                                 | 30    | 15.6%   |
|                                 | 3                  | Somewhat likely                                                 | 79    | 41.1%   |
|                                 | 4                  | Very likely                                                     | 38    | 19.8%   |
|                                 | 5                  | Extremely likely                                                | 8     | 4.2%    |

#### a4ATT06\_1\_5

|                                 |                    | Value                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 773                                                                  |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>Likelihood-<br>Unforeseen side-<br>effects |       |         |
|                                 | Type               | Numeric                                                              |       |         |
|                                 | Format             | F8                                                                   |       |         |
|                                 | Measurement        | Scale                                                                |       |         |
| N                               | Valid              | 168                                                                  |       |         |
|                                 | Missing            | 24                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.83                                                                 |       |         |
|                                 | Standard Deviation | .902                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                 |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 50 | 4.00              |    |       |
|                | Percentile 75 | 5.00              |    |       |
| Labeled Values | 1             | Not at all likely | 1  | 0.5%  |
|                | 2             | Slightly likely   | 8  | 4.2%  |
|                | 3             | Somewhat likely   | 55 | 28.6% |
|                | 4             | Very likely       | 59 | 30.7% |
|                | 5             | Extremely likely  | 45 | 23.4% |

#### a4ATT06\_1\_6

|                                 |                    | Value                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 774                                                                                 |       |         |
|                                 | Label              | A4: NG: Effects Atts : Likelihood-The eradication of genetic inheritance of disease |       |         |
|                                 | Type               | Numeric                                                                             |       |         |
|                                 | Format             | F8                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                               |       |         |
|                                 |                    |                                                                                     |       |         |
| N                               | Valid              | 168                                                                                 |       |         |
|                                 | Missing            | 24                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.43                                                                                |       |         |
|                                 | Standard Deviation | .945                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                   | 3     | 1.6%    |
|                                 | 2                  | Slightly likely                                                                     | 21    | 10.9%   |
|                                 | 3                  | Somewhat likely                                                                     | 69    | 35.9%   |
|                                 | 4                  | Very likely                                                                         | 51    | 26.6%   |
|                                 | 5                  | Extremely likely                                                                    | 24    | 12.5%   |

#### a4ATT06\_1\_7

|                                 |                    | Value                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 775                                                                                    |       |         |
|                                 | Label              | A4: NG: Effects Atts : Likelihood-Economic development through investment and research |       |         |
|                                 | Type               | Numeric                                                                                |       |         |
|                                 | Format             | F8                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                  |       |         |
|                                 |                    |                                                                                        |       |         |
| N                               | Valid              | 168                                                                                    |       |         |
|                                 | Missing            | 24                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.42                                                                                   |       |         |
|                                 | Standard Deviation | .800                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                      | 2     | 1.0%    |
|                                 | 2                  | Slightly likely                                                                        | 14    | 7.3%    |

|  |   |                  |    |       |
|--|---|------------------|----|-------|
|  | 3 | Somewhat likely  | 77 | 40.1% |
|  | 4 | Very likely      | 62 | 32.3% |
|  | 5 | Extremely likely | 13 | 6.8%  |

#### a4ATT06\_1\_8

|                                 |                    | Value                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 776                                                                                                                                |       |         |
|                                 | Label              | A4: NG: Effects Atts : Likelihood-Siphoning of US funds away from more important purposes related to the immediate economic crisis |       |         |
|                                 | Type               | Numeric                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                    |       |         |
| N                               | Valid              | 168                                                                                                                                |       |         |
|                                 | Missing            | 24                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.93                                                                                                                               |       |         |
|                                 | Standard Deviation | 1.047                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                                                                  | 16    | 8.3%    |
|                                 | 2                  | Slightly likely                                                                                                                    | 40    | 20.8%   |
|                                 | 3                  | Somewhat likely                                                                                                                    | 62    | 32.3%   |
|                                 | 4                  | Very likely                                                                                                                        | 40    | 20.8%   |
|                                 | 5                  | Extremely likely                                                                                                                   | 10    | 5.2%    |

#### a4ATT06\_2\_1

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 777                                                                                                                |       |         |
|                                 | Label              | A4: NG: Effects Atts : Do you see this effect as a benefit or drawback?-Drastic reductions in the effects of aging |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 168                                                                                                                |       |         |
|                                 | Missing            | 24                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 1.26                                                                                                               |       |         |
|                                 | Standard Deviation | .441                                                                                                               |       |         |
|                                 | Percentile 25      | 1.00                                                                                                               |       |         |
|                                 | Percentile 50      | 1.00                                                                                                               |       |         |
|                                 | Percentile 75      | 2.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                            | 124   | 64.6%   |
|                                 | 2                  | Drawback                                                                                                           | 44    | 22.9%   |

### a4ATT06\_2\_2

|                                 |                    | Value                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 778                                                                                                                                               |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>Do you see this effect<br>as a benefit or<br>drawback?-The<br>creation of "designer<br>babies" (aka, "super<br>babies") |       |         |
|                                 | Type               | Numeric                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                   |       |         |
| N                               | Valid              | 168                                                                                                                                               |       |         |
|                                 | Missing            | 24                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 1.91                                                                                                                                              |       |         |
|                                 | Standard Deviation | .286                                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                              |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                              |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                                                           | 15    | 7.8%    |
|                                 | 2                  | Drawback                                                                                                                                          | 153   | 79.7%   |

### a4ATT06\_2\_3

|                                 |                    | Value                                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 779                                                                                                                                                 |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>Do you see this effect<br>as a benefit or<br>drawback?-No more<br>passing on of genetic<br>diseases to one's<br>offspring |       |         |
|                                 | Type               | Numeric                                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                                     |       |         |
| N                               | Valid              | 168                                                                                                                                                 |       |         |
|                                 | Missing            | 24                                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 1.10                                                                                                                                                |       |         |
|                                 | Standard Deviation | .302                                                                                                                                                |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                                                |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                                                             | 151   | 78.6%   |
|                                 | 2                  | Drawback                                                                                                                                            | 17    | 8.9%    |

### a4ATT06\_2\_4

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 780   |       |         |

|                                 |                    |                                                                                                             |    |       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | A4: NG: Effects Atts :<br>Do you see this effect<br>as a benefit or<br>drawback?-A new<br>eugenics movement |    |       |
|                                 | Type               | Numeric                                                                                                     |    |       |
|                                 | Format             | F8                                                                                                          |    |       |
|                                 | Measurement        | Scale                                                                                                       |    |       |
| N                               | Valid              | 168                                                                                                         |    |       |
|                                 | Missing            | 24                                                                                                          |    |       |
| Central Tendency and Dispersion | Mean               | 1.58                                                                                                        |    |       |
|                                 | Standard Deviation | .494                                                                                                        |    |       |
|                                 | Percentile 25      | 1.00                                                                                                        |    |       |
|                                 | Percentile 50      | 2.00                                                                                                        |    |       |
|                                 | Percentile 75      | 2.00                                                                                                        |    |       |
| Labeled Values                  | 1                  | Benefit                                                                                                     | 70 | 36.5% |
|                                 | 2                  | Drawback                                                                                                    | 98 | 51.0% |

#### a4ATT06\_2\_5

|                                 |                    | Value                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 781                                                                                                              |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>Do you see this effect<br>as a benefit or<br>drawback?-<br>Unforeseen side-<br>effects |       |         |
|                                 | Type               | Numeric                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                            |       |         |
|                                 |                    |                                                                                                                  |       |         |
| N                               | Valid              | 168                                                                                                              |       |         |
|                                 | Missing            | 24                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 1.96                                                                                                             |       |         |
|                                 | Standard Deviation | .200                                                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                                                             |       |         |
|                                 | Percentile 50      | 2.00                                                                                                             |       |         |
|                                 | Percentile 75      | 2.00                                                                                                             |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                          | 7     | 3.6%    |
|                                 | 2                  | Drawback                                                                                                         | 161   | 83.9%   |

#### a4ATT06\_2\_6

|                     |          | Value                                                                                                                                    | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 782                                                                                                                                      |       |         |
|                     | Label    | A4: NG: Effects Atts :<br>Do you see this effect<br>as a benefit or<br>drawback?-The<br>eradication of genetic<br>inheritance of disease |       |         |
|                     | Type     | Numeric                                                                                                                                  |       |         |
|                     | Format   | F8                                                                                                                                       |       |         |
|                     |          |                                                                                                                                          |       |         |

|                                 | Measurement        | Scale    |     |       |
|---------------------------------|--------------------|----------|-----|-------|
| N                               | Valid              | 168      |     |       |
|                                 | Missing            | 24       |     |       |
| Central Tendency and Dispersion | Mean               | 1.11     |     |       |
|                                 | Standard Deviation | .310     |     |       |
|                                 | Percentile 25      | 1.00     |     |       |
|                                 | Percentile 50      | 1.00     |     |       |
|                                 | Percentile 75      | 1.00     |     |       |
| Labeled Values                  | 1                  | Benefit  | 150 | 78.1% |
|                                 | 2                  | Drawback | 18  | 9.4%  |

#### a4ATT06\_2\_7

|                                 |                    | Value                                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 783                                                                                                                                            |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>Do you see this effect<br>as a benefit or<br>drawback?-Economic<br>development through<br>investment and<br>research |       |         |
|                                 | Type               | Numeric                                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                                |       |         |
| N                               | Valid              | 168                                                                                                                                            |       |         |
|                                 | Missing            | 24                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 1.08                                                                                                                                           |       |         |
|                                 | Standard Deviation | .268                                                                                                                                           |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                           |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                           |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Benefit                                                                                                                                        | 155   | 80.7%   |
|                                 | 2                  | Drawback                                                                                                                                       | 13    | 6.8%    |

#### a4ATT06\_2\_8

|                     |             | Value                                                                                                                                                                                            | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 784                                                                                                                                                                                              |       |         |
|                     | Label       | A4: NG: Effects Atts :<br>Do you see this effect<br>as a benefit or<br>drawback?-Siphoning<br>of US funds away<br>from more important<br>purposes related to<br>the immediate<br>economic crisis |       |         |
|                     | Type        | Numeric                                                                                                                                                                                          |       |         |
|                     | Format      | F8                                                                                                                                                                                               |       |         |
|                     | Measurement | Scale                                                                                                                                                                                            |       |         |
|                     |             |                                                                                                                                                                                                  |       |         |
| N                   | Valid       | 168                                                                                                                                                                                              |       |         |
|                     | Missing     | 24                                                                                                                                                                                               |       |         |

|                                 |                    |          |     |       |
|---------------------------------|--------------------|----------|-----|-------|
| Central Tendency and Dispersion | Mean               | 1.89     |     |       |
|                                 | Standard Deviation | .318     |     |       |
|                                 | Percentile 25      | 2.00     |     |       |
|                                 | Percentile 50      | 2.00     |     |       |
|                                 | Percentile 75      | 2.00     |     |       |
| Labeled Values                  | 1                  | Benefit  | 19  | 9.9%  |
|                                 | 2                  | Drawback | 149 | 77.6% |

#### a4ATT06\_3\_1

|                                 |                    | Value                                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 785                                                                                                                                                      |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>Drastic reductions in the effects of aging |       |         |
|                                 | Type               | Numeric                                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                                    |       |         |
| N                               | Valid              | 168                                                                                                                                                      |       |         |
|                                 | Missing            | 24                                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.63                                                                                                                                                     |       |         |
|                                 | Standard Deviation | .983                                                                                                                                                     |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                     |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                               | 20    | 10.4%   |
|                                 | 2                  | Slightly                                                                                                                                                 | 58    | 30.2%   |
|                                 | 3                  | Some- what                                                                                                                                               | 61    | 31.8%   |
|                                 | 4                  | Very                                                                                                                                                     | 23    | 12.0%   |
|                                 | 5                  | Extremely                                                                                                                                                | 6     | 3.1%    |

#### a4ATT06\_3\_2

|                                 |                    | Value                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 786                                                                                                                                                                   |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>The creation of "designer babies" (aka, "super babies") |       |         |
|                                 | Type               | Numeric                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                 |       |         |
| N                               | Valid              | 168                                                                                                                                                                   |       |         |
|                                 | Missing            | 24                                                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.91                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.162                                                                                                                                                                 |       |         |

|                |               |            |    |       |
|----------------|---------------|------------|----|-------|
|                | Percentile 25 | 3.00       |    |       |
|                | Percentile 50 | 4.00       |    |       |
|                | Percentile 75 | 5.00       |    |       |
| Labeled Values | 1             | Not at all | 7  | 3.6%  |
|                | 2             | Slightly   | 16 | 8.3%  |
|                | 3             | Some- what | 31 | 16.1% |
|                | 4             | Very       | 45 | 23.4% |
|                | 5             | Extremely  | 69 | 35.9% |

### a4ATT06\_3\_3

|                                 |                    | Value                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 787                                                                                                                                                                   |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid? - No more passing on of genetic diseases to one's offspring |       |         |
|                                 | Type               | Numeric                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                       |       |         |
| N                               | Valid              | 168                                                                                                                                                                   |       |         |
|                                 | Missing            | 24                                                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.73                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.036                                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                            | 4     | 2.1%    |
|                                 | 2                  | Slightly                                                                                                                                                              | 15    | 7.8%    |
|                                 | 3                  | Some- what                                                                                                                                                            | 50    | 26.0%   |
|                                 | 4                  | Very                                                                                                                                                                  | 53    | 27.6%   |
|                                 | 5                  | Extremely                                                                                                                                                             | 46    | 24.0%   |

### a4ATT06\_3\_4

|                                 |                    | Value                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 788                                                                                                                                 |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid? - A new eugenics movement |       |         |
|                                 | Type               | Numeric                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                     |       |         |
| N                               | Valid              | 168                                                                                                                                 |       |         |
|                                 | Missing            | 24                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                                                                |       |         |
|                                 | Standard Deviation | 1.119                                                                                                                               |       |         |

|                |               |            |    |       |
|----------------|---------------|------------|----|-------|
|                | Percentile 25 | 3.00       |    |       |
|                | Percentile 50 | 3.00       |    |       |
|                | Percentile 75 | 4.00       |    |       |
| Labeled Values | 1             | Not at all | 5  | 2.6%  |
|                | 2             | Slightly   | 35 | 18.2% |
|                | 3             | Some- what | 64 | 33.3% |
|                | 4             | Very       | 28 | 14.6% |
|                | 5             | Extremely  | 36 | 18.8% |

#### a4ATT06\_3\_5

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 789                                                                                                                                   |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>Unforeseen side-effects |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 168                                                                                                                                   |       |         |
|                                 | Missing            | 24                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 4.04                                                                                                                                  |       |         |
|                                 | Standard Deviation | .975                                                                                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                  |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                            | 3     | 1.6%    |
|                                 | 2                  | Slightly                                                                                                                              | 9     | 4.7%    |
|                                 | 3                  | Some- what                                                                                                                            | 31    | 16.1%   |
|                                 | 4                  | Very                                                                                                                                  | 60    | 31.3%   |
|                                 | 5                  | Extremely                                                                                                                             | 65    | 33.9%   |

#### a4ATT06\_3\_6

|                                 |                    | Value                                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 790                                                                                                                                                             |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>The eradication of genetic inheritance of disease |       |         |
|                                 | Type               | Numeric                                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                                 |       |         |
| N                               | Valid              | 168                                                                                                                                                             |       |         |
|                                 | Missing            | 24                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.72                                                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.032                                                                                                                                                           |       |         |

|                |               |            |    |       |
|----------------|---------------|------------|----|-------|
|                | Percentile 25 | 3.00       |    |       |
|                | Percentile 50 | 4.00       |    |       |
|                | Percentile 75 | 5.00       |    |       |
| Labeled Values | 1             | Not at all | 2  | 1.0%  |
|                | 2             | Slightly   | 21 | 10.9% |
|                | 3             | Some- what | 44 | 22.9% |
|                | 4             | Very       | 56 | 29.2% |
|                | 5             | Extremely  | 45 | 23.4% |

#### a4ATT06\_3\_7

|                                 |                    | Value                                                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 791                                                                                                                                                                |       |         |
|                                 | Label              | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>Economic development through investment and research |       |         |
|                                 | Type               | Numeric                                                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                                                    |       |         |
| N                               | Valid              | 168                                                                                                                                                                |       |         |
|                                 | Missing            | 24                                                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.12                                                                                                                                                               |       |         |
|                                 | Standard Deviation | .863                                                                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                         | 3     | 1.6%    |
|                                 | 2                  | Slightly                                                                                                                                                           | 36    | 18.8%   |
|                                 | 3                  | Some- what                                                                                                                                                         | 74    | 38.5%   |
|                                 | 4                  | Very                                                                                                                                                               | 47    | 24.5%   |
|                                 | 5                  | Extremely                                                                                                                                                          | 8     | 4.2%    |

#### a4ATT06\_3\_8

|                     |             | Value                                                                                                                                                                                                          | Count | Percent |
|---------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 792                                                                                                                                                                                                            |       |         |
|                     | Label       | A4: NG: Effects Atts :<br>In your opinion, how important is this benefit or drawback to achieve or avoid?-<br>Siphoning of US funds away from more important purposes related to the immediate economic crisis |       |         |
|                     | Type        | Numeric                                                                                                                                                                                                        |       |         |
|                     | Format      | F8                                                                                                                                                                                                             |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                          |       |         |
|                     |             |                                                                                                                                                                                                                |       |         |
| N                   | Valid       | 168                                                                                                                                                                                                            |       |         |

|                                 |                    |            |       |       |  |
|---------------------------------|--------------------|------------|-------|-------|--|
|                                 | Missing            |            | 24    |       |  |
| Central Tendency and Dispersion | Mean               |            | 3.19  |       |  |
|                                 | Standard Deviation |            | 1.038 |       |  |
|                                 | Percentile 25      |            | 3.00  |       |  |
|                                 | Percentile 50      |            | 3.00  |       |  |
|                                 | Percentile 75      |            | 4.00  |       |  |
| Labeled Values                  | 1                  | Not at all | 11    | 5.7%  |  |
|                                 | 2                  | Slightly   | 29    | 15.1% |  |
|                                 | 3                  | Some- what | 60    | 31.3% |  |
|                                 | 4                  | Very       | 53    | 27.6% |  |
|                                 | 5                  | Extremely  | 15    | 7.8%  |  |

#### a4ATT05\_1\_1

|                                 |                    | Value                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 793                                                                          |       |         |
|                                 | Label              | A4: NM Benefits :<br>Likelihood-The<br>extension of human<br>life expectancy |       |         |
|                                 | Type               | Numeric                                                                      |       |         |
|                                 | Format             | F8                                                                           |       |         |
|                                 | Measurement        | Scale                                                                        |       |         |
| N                               | Valid              | 168                                                                          |       |         |
|                                 | Missing            | 24                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                         |       |         |
|                                 | Standard Deviation | .823                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                            | 2     | 1.0%    |
|                                 | 2                  | Slightly likely                                                              | 21    | 10.9%   |
|                                 | 3                  | Somewhat likely                                                              | 76    | 39.6%   |
|                                 | 4                  | Very likely                                                                  | 58    | 30.2%   |
|                                 | 5                  | Extremely likely                                                             | 11    | 5.7%    |

#### a4ATT05\_1\_2

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 794                                                                       |       |         |
|                                 | Label              | A4: NM Benefits :<br>Likelihood-Cheap and<br>more universal<br>healthcare |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
| N                               | Valid              | 168                                                                       |       |         |
|                                 | Missing            | 24                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.93                                                                      |       |         |
|                                 | Standard Deviation | .986                                                                      |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 25 | 2.00              |    |       |
|                | Percentile 50 | 3.00              |    |       |
|                | Percentile 75 | 3.00              |    |       |
| Labeled Values | 1             | Not at all likely | 11 | 5.7%  |
|                | 2             | Slightly likely   | 42 | 21.9% |
|                | 3             | Somewhat likely   | 74 | 38.5% |
|                | 4             | Very likely       | 29 | 15.1% |
|                | 5             | Extremely likely  | 12 | 6.3%  |

#### a4ATT05\_1\_3

|                                 |                    | Value                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 795                                             |       |         |
|                                 | Label              | A4: NM Benefits : Likelihood-Fewer side effects |       |         |
|                                 | Type               | Numeric                                         |       |         |
|                                 | Format             | F8                                              |       |         |
|                                 | Measurement        | Scale                                           |       |         |
|                                 |                    |                                                 |       |         |
| N                               | Valid              | 168                                             |       |         |
|                                 | Missing            | 24                                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.85                                            |       |         |
|                                 | Standard Deviation | .852                                            |       |         |
|                                 | Percentile 25      | 2.00                                            |       |         |
|                                 | Percentile 50      | 3.00                                            |       |         |
|                                 | Percentile 75      | 3.00                                            |       |         |
| Labeled Values                  | 1                  | Not at all likely                               | 8     | 4.2%    |
|                                 | 2                  | Slightly likely                                 | 47    | 24.5%   |
|                                 | 3                  | Somewhat likely                                 | 79    | 41.1%   |
|                                 | 4                  | Very likely                                     | 30    | 15.6%   |
|                                 | 5                  | Extremely likely                                | 4     | 2.1%    |

#### a4ATT05\_1\_4

|                                 |                    | Value                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 796                                                                                 |       |         |
|                                 | Label              | A4: NM Benefits : Likelihood-Higher rate of terminal illness (e.g. cancer) survival |       |         |
|                                 | Type               | Numeric                                                                             |       |         |
|                                 | Format             | F8                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                               |       |         |
|                                 |                    |                                                                                     |       |         |
| N                               | Valid              | 168                                                                                 |       |         |
|                                 | Missing            | 24                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.45                                                                                |       |         |
|                                 | Standard Deviation | .839                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                |       |         |
|                                 | Percentile 50      | 4.00                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                   | 4     | 2.1%    |
|                                 | 2                  | Slightly likely                                                                     | 15    | 7.8%    |

|  |   |                  |    |       |
|--|---|------------------|----|-------|
|  | 3 | Somewhat likely  | 62 | 32.3% |
|  | 4 | Very likely      | 76 | 39.6% |
|  | 5 | Extremely likely | 11 | 5.7%  |

#### a4ATT05\_1\_5

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 797                                                                                                             |       |         |
|                                 | Label              | A4: NM Benefits :<br>Likelihood-<br>Improvement of<br>individuals' physical<br>abilities and muscle<br>function |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 168                                                                                                             |       |         |
|                                 | Missing            | 24                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                                            |       |         |
|                                 | Standard Deviation | .748                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                                               | 0     | 0.0%    |
|                                 | 2                  | Slightly likely                                                                                                 | 17    | 8.9%    |
|                                 | 3                  | Somewhat likely                                                                                                 | 89    | 46.4%   |
|                                 | 4                  | Very likely                                                                                                     | 51    | 26.6%   |
|                                 | 5                  | Extremely likely                                                                                                | 11    | 5.7%    |

#### a4ATT05\_1\_6

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 798                                                                                                          |       |         |
|                                 | Label              | A4: NM Benefits :<br>Likelihood-<br>Improvement of<br>individuals' mental<br>abilities and brain<br>function |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
|                                 |                    |                                                                                                              |       |         |
| N                               | Valid              | 168                                                                                                          |       |         |
|                                 | Missing            | 24                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.29                                                                                                         |       |         |
|                                 | Standard Deviation | .820                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all likely                                                                                            | 2     | 1.0%    |
|                                 | 2                  | Slightly likely                                                                                              | 21    | 10.9%   |
|                                 | 3                  | Somewhat likely                                                                                              | 84    | 43.8%   |
|                                 | 4                  | Very likely                                                                                                  | 49    | 25.5%   |

|  |   |                  |    |      |
|--|---|------------------|----|------|
|  | 5 | Extremely likely | 12 | 6.3% |
|--|---|------------------|----|------|

#### a4ATT05\_2\_1

|                                 |                    | Value                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 799                                                                                                          |       |         |
|                                 | Label              | A4: NM Benefits :<br>How important do you think this benefit is? -<br>The extension of human life expectancy |       |         |
|                                 | Type               | Numeric                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                        |       |         |
|                                 |                    |                                                                                                              |       |         |
| N                               | Valid              | 168                                                                                                          |       |         |
|                                 | Missing            | 24                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.62                                                                                                         |       |         |
|                                 | Standard Deviation | 1.077                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                         |       |         |
|                                 | Percentile 75      | 3.00                                                                                                         |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                  | 30    | 15.6%   |
|                                 | 2                  | Slightly Important                                                                                           | 43    | 22.4%   |
|                                 | 3                  | Somewhat Important                                                                                           | 64    | 33.3%   |
|                                 | 4                  | Very Important                                                                                               | 23    | 12.0%   |
|                                 | 5                  | Extremely Important                                                                                          | 8     | 4.2%    |

#### a4ATT05\_2\_2

|                                 |                    | Value                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 800                                                                                                       |       |         |
|                                 | Label              | A4: NM Benefits :<br>How important do you think this benefit is? -<br>Cheap and more universal healthcare |       |         |
|                                 | Type               | Numeric                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                     |       |         |
|                                 |                    |                                                                                                           |       |         |
| N                               | Valid              | 168                                                                                                       |       |         |
|                                 | Missing            | 24                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.54                                                                                                      |       |         |
|                                 | Standard Deviation | 1.026                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                                                      |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                               | 4     | 2.1%    |
|                                 | 2                  | Slightly Important                                                                                        | 23    | 12.0%   |
|                                 | 3                  | Somewhat Important                                                                                        | 52    | 27.1%   |
|                                 | 4                  | Very Important                                                                                            | 57    | 29.7%   |
|                                 | 5                  | Extremely Important                                                                                       | 32    | 16.7%   |

**a4ATT05\_2\_3**

|                                 |                    | Value                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 801                                                                                   |       |         |
|                                 | Label              | A4: NM Benefits :<br>How important do you think this benefit is? - Fewer side effects |       |         |
|                                 | Type               | Numeric                                                                               |       |         |
|                                 | Format             | F8                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                 |       |         |
|                                 |                    |                                                                                       |       |         |
| N                               | Valid              | 168                                                                                   |       |         |
|                                 | Missing            | 24                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.69                                                                                  |       |         |
|                                 | Standard Deviation | .928                                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                  |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                           | 0     | 0.0%    |
|                                 | 2                  | Slightly Important                                                                    | 18    | 9.4%    |
|                                 | 3                  | Somewhat Important                                                                    | 52    | 27.1%   |
|                                 | 4                  | Very Important                                                                        | 62    | 32.3%   |
|                                 | 5                  | Extremely Important                                                                   | 36    | 18.8%   |

**a4ATT05\_2\_4**

|                                 |                    | Value                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 802                                                                                                                       |       |         |
|                                 | Label              | A4: NM Benefits :<br>How important do you think this benefit is? - Higher rate of terminal illness (e.g. cancer) survival |       |         |
|                                 | Type               | Numeric                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                     |       |         |
|                                 |                    |                                                                                                                           |       |         |
| N                               | Valid              | 168                                                                                                                       |       |         |
|                                 | Missing            | 24                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.90                                                                                                                      |       |         |
|                                 | Standard Deviation | 1.019                                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                      |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                               | 6     | 3.1%    |
|                                 | 2                  | Slightly Important                                                                                                        | 8     | 4.2%    |
|                                 | 3                  | Somewhat Important                                                                                                        | 36    | 18.8%   |
|                                 | 4                  | Very Important                                                                                                            | 65    | 33.9%   |
|                                 | 5                  | Extremely Important                                                                                                       | 53    | 27.6%   |

**a4ATT05\_2\_5**

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                                         |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 803                                                                                                                                     |    |       |
|                                 | Label              | A4: NM Benefits :<br>How important do you think this benefit is?-<br>Improvement of individuals' physical abilities and muscle function |    |       |
|                                 | Type               | Numeric                                                                                                                                 |    |       |
|                                 | Format             | F8                                                                                                                                      |    |       |
|                                 | Measurement        | Scale                                                                                                                                   |    |       |
|                                 |                    |                                                                                                                                         |    |       |
| N                               | Valid              | 168                                                                                                                                     |    |       |
|                                 | Missing            | 24                                                                                                                                      |    |       |
| Central Tendency and Dispersion | Mean               | 2.56                                                                                                                                    |    |       |
|                                 | Standard Deviation | 1.136                                                                                                                                   |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                    |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                    |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                                    |    |       |
| Labeled Values                  | 1                  | Unimportant                                                                                                                             | 33 | 17.2% |
|                                 | 2                  | Slightly Important                                                                                                                      | 52 | 27.1% |
|                                 | 3                  | Somewhat Important                                                                                                                      | 49 | 25.5% |
|                                 | 4                  | Very Important                                                                                                                          | 24 | 12.5% |
|                                 | 5                  | Extremely Important                                                                                                                     | 10 | 5.2%  |

#### a4ATT05\_2\_6

|                                 |                    | Value                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 804                                                                                                                                  |       |         |
|                                 | Label              | A4: NM Benefits :<br>How important do you think this benefit is?-<br>Improvement of individuals' mental abilities and brain function |       |         |
|                                 | Type               | Numeric                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                      |       |         |
| N                               | Valid              | 168                                                                                                                                  |       |         |
|                                 | Missing            | 24                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 2.63                                                                                                                                 |       |         |
|                                 | Standard Deviation | 1.086                                                                                                                                |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                 |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Unimportant                                                                                                                          | 25    | 13.0%   |
|                                 | 2                  | Slightly Important                                                                                                                   | 57    | 29.7%   |
|                                 | 3                  | Somewhat Important                                                                                                                   | 50    | 26.0%   |
|                                 | 4                  | Very Important                                                                                                                       | 27    | 14.1%   |
|                                 | 5                  | Extremely Important                                                                                                                  | 9     | 4.7%    |

#### Q264\_1

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 805   |

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 122.9572           |
|                                 | Standard Deviation | 766.83211          |
|                                 | Percentile 25      | 9.6555             |
|                                 | Percentile 50      | 16.2030            |
|                                 | Percentile 75      | 34.2140            |

### Q264\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
| Value                           |                    |                   |
| Standard Attributes             | Position           | 806               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 168               |
|                                 | Missing            | 24                |
| Central Tendency and Dispersion | Mean               | 313.6707          |
|                                 | Standard Deviation | 819.48079         |
|                                 | Percentile 25      | 126.3915          |
|                                 | Percentile 50      | 159.5415          |
|                                 | Percentile 75      | 237.8375          |

### Q264\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 807                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 316.2207           |
|                                 | Standard Deviation | 819.67966          |
|                                 | Percentile 25      | 127.3130           |
|                                 | Percentile 50      | 162.0670           |
|                                 | Percentile 75      | 238.9490           |

### Q264\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 808                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 40.9940            |
|                                 | Standard Deviation | 5.71530            |
|                                 | Percentile 25      | 37.5000            |
|                                 | Percentile 50      | 39.5000            |
|                                 | Percentile 75      | 43.0000            |

### a4TCSCI01\_1

| Value | Count | Percent |
|-------|-------|---------|
|-------|-------|---------|

|                                 |                    |                                                                                                                                                         |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 809                                                                                                                                                     |    |       |
|                                 | Label              | NANOSCIENTISTS<br>Next indicate how you feel about the nanoscientists responsible for researching an....-<br>How much do you know about nanoscientists? |    |       |
|                                 | Type               | Numeric                                                                                                                                                 |    |       |
|                                 | Format             | F8                                                                                                                                                      |    |       |
|                                 | Measurement        | Scale                                                                                                                                                   |    |       |
|                                 |                    |                                                                                                                                                         |    |       |
| N                               | Valid              | 82                                                                                                                                                      |    |       |
|                                 | Missing            | 110                                                                                                                                                     |    |       |
| Central Tendency and Dispersion | Mean               | 2.16                                                                                                                                                    |    |       |
|                                 | Standard Deviation | .867                                                                                                                                                    |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                    |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                    |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                                                    |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                              | 20 | 10.4% |
|                                 | 2                  | Just a little                                                                                                                                           | 34 | 17.7% |
|                                 | 3                  | Some                                                                                                                                                    | 23 | 12.0% |
|                                 | 4                  | Quite a bit                                                                                                                                             | 5  | 2.6%  |
|                                 | 5                  | A great deal                                                                                                                                            | 0  | 0.0%  |

#### a4TCSCI01\_2

|                                 |                    | Value                                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 810                                                                                                                                                                                   |       |         |
|                                 | Label              | NANOSCIENTISTS<br>Next indicate how you feel about the nanoscientists responsible for researching an....-To what extent have you had experiences or interactions with nanoscientists? |       |         |
|                                 | Type               | Numeric                                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                                       |       |         |
| N                               | Valid              | 82                                                                                                                                                                                    |       |         |
|                                 | Missing            | 110                                                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 1.28                                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | .594                                                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                            | 64    | 33.3%   |
|                                 | 2                  | Just a little                                                                                                                                                                         | 14    | 7.3%    |
|                                 | 3                  | Some                                                                                                                                                                                  | 3     | 1.6%    |
|                                 | 4                  | Quite a bit                                                                                                                                                                           | 1     | 0.5%    |
|                                 | 5                  | A great deal                                                                                                                                                                          | 0     | 0.0%    |

### a4TCSCI01\_3

|                                 |                    | Value                                                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 811                                                                                                                                                                             |       |         |
|                                 | Label              | NANOSCIENTISTS<br>Next indicate how you feel about the nanoscientists responsible for researching an....-To what extent do you feel certain in your views about nanoscientists? |       |         |
|                                 | Type               | Numeric                                                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                                                 |       |         |
| N                               | Valid              | 82                                                                                                                                                                              |       |         |
|                                 | Missing            | 110                                                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.27                                                                                                                                                                            |       |         |
|                                 | Standard Deviation | .969                                                                                                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                            |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                      | 20    | 10.4%   |
|                                 | 2                  | Just a little                                                                                                                                                                   | 30    | 15.6%   |
|                                 | 3                  | Some                                                                                                                                                                            | 22    | 11.5%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                     | 10    | 5.2%    |
|                                 | 5                  | A great deal                                                                                                                                                                    | 0     | 0.0%    |

### a4TCSCI02\_1

|                                 |                    | Value                                                                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 812                                                                                           |       |         |
|                                 | Label              | Right now, to what extent do you have confidence in nanoscientists to....- Do their jobs well |       |         |
|                                 | Type               | Numeric                                                                                       |       |         |
|                                 | Format             | F8                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                         |       |         |
|                                 |                    |                                                                                               |       |         |
| N                               | Valid              | 82                                                                                            |       |         |
|                                 | Missing            | 110                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.68                                                                                          |       |         |
|                                 | Standard Deviation | .830                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                    | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                 | 6     | 3.1%    |
|                                 | 3                  | Some                                                                                          | 21    | 10.9%   |
|                                 | 4                  | Quite a bit                                                                                   | 44    | 22.9%   |
|                                 | 5                  | A great deal                                                                                  | 10    | 5.2%    |

### a4TCSCI02\_2

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 813                                                                                                                |       |         |
|                                 | Label              | Right now, to what extent do you have confidence in nanoscientists to...- Meet their professional responsibilities |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 82                                                                                                                 |       |         |
|                                 | Missing            | 110                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.55                                                                                                               |       |         |
|                                 | Standard Deviation | .848                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                               |       |         |
|                                 | Percentile 50      | 4.00                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                      | 5     | 2.6%    |
|                                 | 3                  | Some                                                                                                               | 29    | 15.1%   |
|                                 | 4                  | Quite a bit                                                                                                        | 38    | 19.8%   |
|                                 | 5                  | A great deal                                                                                                       | 8     | 4.2%    |

### a4TCSCI02\_3

|                                 |                    | Value                                                                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 814                                                                                                           |       |         |
|                                 | Label              | Right now, to what extent do you have confidence in nanoscientists to...- Meet their ethical responsibilities |       |         |
|                                 | Type               | Numeric                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                         |       |         |
|                                 |                    |                                                                                                               |       |         |
| N                               | Valid              | 82                                                                                                            |       |         |
|                                 | Missing            | 110                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.16                                                                                                          |       |         |
|                                 | Standard Deviation | .949                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                    | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                                 | 10    | 5.2%    |
|                                 | 3                  | Some                                                                                                          | 34    | 17.7%   |
|                                 | 4                  | Quite a bit                                                                                                   | 29    | 15.1%   |
|                                 | 5                  | A great deal                                                                                                  | 3     | 1.6%    |

### a4TCSCI02\_4

|                                 |                    | Value                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 815                                                                                                                                                              |       |         |
|                                 | Label              | Right now, to what extent do you have confidence in nanoscientists to...- Go above and beyond what is expected of them professionally in order to better society |       |         |
|                                 | Type               | Numeric                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                  |       |         |
| N                               | Valid              | 82                                                                                                                                                               |       |         |
|                                 | Missing            | 110                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.28                                                                                                                                                             |       |         |
|                                 | Standard Deviation | .879                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                       | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                                                    | 11    | 5.7%    |
|                                 | 3                  | Some                                                                                                                                                             | 37    | 19.3%   |
|                                 | 4                  | Quite a bit                                                                                                                                                      | 26    | 13.5%   |
|                                 | 5                  | A great deal                                                                                                                                                     | 6     | 3.1%    |

### a4TCSCI02\_5

|                                 |                    | Value                                                                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 816                                                                                                                                                                          |       |         |
|                                 | Label              | Right now, to what extent do you have confidence in nanoscientists to...- Go above and beyond what is expected of them professionally in order to protect society from risks |       |         |
|                                 | Type               | Numeric                                                                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                        |       |         |
|                                 |                    |                                                                                                                                                                              |       |         |
| N                               | Valid              | 82                                                                                                                                                                           |       |         |
|                                 | Missing            | 110                                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.24                                                                                                                                                                         |       |         |
|                                 | Standard Deviation | .825                                                                                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                   | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                                                                | 11    | 5.7%    |
|                                 | 3                  | Some                                                                                                                                                                         | 37    | 19.3%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                  | 29    | 15.1%   |

|  |   |              |   |      |
|--|---|--------------|---|------|
|  | 5 | A great deal | 3 | 1.6% |
|--|---|--------------|---|------|

#### a4TCSCI03\_1

|                                 |                    | Value                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 817                                                                   |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are trustworthy |       |         |
|                                 | Type               | Numeric                                                               |       |         |
|                                 | Format             | F8                                                                    |       |         |
|                                 | Measurement        | Scale                                                                 |       |         |
|                                 |                    |                                                                       |       |         |
| N                               | Valid              | 82                                                                    |       |         |
|                                 | Missing            | 110                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.35                                                                  |       |         |
|                                 | Standard Deviation | .776                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                            | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                         | 10    | 5.2%    |
|                                 | 3                  | Some                                                                  | 38    | 19.8%   |
|                                 | 4                  | Quite a bit                                                           | 29    | 15.1%   |
|                                 | 5                  | A great deal                                                          | 5     | 2.6%    |

#### a4TCSCI03\_2

|                                 |                    | Value                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 818                                                                     |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are untrustworthy |       |         |
|                                 | Type               | Numeric                                                                 |       |         |
|                                 | Format             | F8                                                                      |       |         |
|                                 | Measurement        | Scale                                                                   |       |         |
|                                 |                    |                                                                         |       |         |
| N                               | Valid              | 82                                                                      |       |         |
|                                 | Missing            | 110                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.24                                                                    |       |         |
|                                 | Standard Deviation | .910                                                                    |       |         |
|                                 | Percentile 25      | 1.00                                                                    |       |         |
|                                 | Percentile 50      | 2.00                                                                    |       |         |
|                                 | Percentile 75      | 3.00                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                              | 21    | 10.9%   |
|                                 | 2                  | Just a little                                                           | 25    | 13.0%   |
|                                 | 3                  | Some                                                                    | 31    | 16.1%   |
|                                 | 4                  | Quite a bit                                                             | 5     | 2.6%    |
|                                 | 5                  | A great deal                                                            | 0     | 0.0%    |

**a4TCSCI03\_3**

|                                 |                    | Value                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 819                                                              |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are honest |       |         |
|                                 | Type               | Numeric                                                          |       |         |
|                                 | Format             | F8                                                               |       |         |
|                                 | Measurement        | Scale                                                            |       |         |
|                                 |                    |                                                                  |       |         |
| N                               | Valid              | 82                                                               |       |         |
|                                 | Missing            | 110                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.38                                                             |       |         |
|                                 | Standard Deviation | .731                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                       | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                    | 9     | 4.7%    |
|                                 | 3                  | Some                                                             | 36    | 18.8%   |
|                                 | 4                  | Quite a bit                                                      | 34    | 17.7%   |
|                                 | 5                  | A great deal                                                     | 3     | 1.6%    |

**a4TCSCI03\_4**

|                                 |                    | Value                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 820                                                               |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are ethical |       |         |
|                                 | Type               | Numeric                                                           |       |         |
|                                 | Format             | F8                                                                |       |         |
|                                 | Measurement        | Scale                                                             |       |         |
|                                 |                    |                                                                   |       |         |
| N                               | Valid              | 82                                                                |       |         |
|                                 | Missing            | 110                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                              |       |         |
|                                 | Standard Deviation | .847                                                              |       |         |
|                                 | Percentile 25      | 3.00                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                        | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                     | 11    | 5.7%    |
|                                 | 3                  | Some                                                              | 36    | 18.8%   |
|                                 | 4                  | Quite a bit                                                       | 29    | 15.1%   |
|                                 | 5                  | A great deal                                                      | 4     | 2.1%    |

**a4TCSCI03\_5**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 821   |       |         |

|                                 |                    |                                                                     |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------|----|-------|
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are dishonest |    |       |
|                                 | Type               | Numeric                                                             |    |       |
|                                 | Format             | F8                                                                  |    |       |
|                                 | Measurement        | Scale                                                               |    |       |
| N                               | Valid              | 82                                                                  |    |       |
|                                 | Missing            | 110                                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 2.22                                                                |    |       |
|                                 | Standard Deviation | .875                                                                |    |       |
|                                 | Percentile 25      | 2.00                                                                |    |       |
|                                 | Percentile 50      | 2.00                                                                |    |       |
|                                 | Percentile 75      | 3.00                                                                |    |       |
| Labeled Values                  | 1                  | Not at all                                                          | 19 | 9.9%  |
|                                 | 2                  | Just a little                                                       | 31 | 16.1% |
|                                 | 3                  | Some                                                                | 27 | 14.1% |
|                                 | 4                  | Quite a bit                                                         | 5  | 2.6%  |
|                                 | 5                  | A great deal                                                        | 0  | 0.0%  |

#### a4TCSCI03\_6

|                                 |                    | Value                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 822                                                            |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are fair |       |         |
|                                 | Type               | Numeric                                                        |       |         |
|                                 | Format             | F8                                                             |       |         |
|                                 | Measurement        | Scale                                                          |       |         |
| N                               | Valid              | 82                                                             |       |         |
|                                 | Missing            | 110                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.39                                                           |       |         |
|                                 | Standard Deviation | .750                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                     | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                  | 6     | 3.1%    |
|                                 | 3                  | Some                                                           | 39    | 20.3%   |
|                                 | 4                  | Quite a bit                                                    | 32    | 16.7%   |
|                                 | 5                  | A great deal                                                   | 4     | 2.1%    |

#### a4TCSCI03\_7

|                     |          | Value                                                                                | Count | Percent |
|---------------------|----------|--------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 823                                                                                  |       |         |
|                     | Label    | To what extent do you feel nanoscientists probably...-Are competent to do their jobs |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 82            |    |       |
|                                 | Missing            | 110           |    |       |
| Central Tendency and Dispersion | Mean               | 3.90          |    |       |
|                                 | Standard Deviation | .795          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 4.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 0  | 0.0%  |
|                                 | 2                  | Just a little | 2  | 1.0%  |
|                                 | 3                  | Some          | 24 | 12.5% |
|                                 | 4                  | Quite a bit   | 36 | 18.8% |
|                                 | 5                  | A great deal  | 20 | 10.4% |

#### a4TCSCI03\_8

|                                 |                    | Value                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 824                                                                                    |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are incompetent to do their jobs |       |         |
|                                 | Type               | Numeric                                                                                |       |         |
|                                 | Format             | F8                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                  |       |         |
|                                 |                    |                                                                                        |       |         |
| N                               | Valid              | 82                                                                                     |       |         |
|                                 | Missing            | 110                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 1.70                                                                                   |       |         |
|                                 | Standard Deviation | .952                                                                                   |       |         |
|                                 | Percentile 25      | 1.00                                                                                   |       |         |
|                                 | Percentile 50      | 1.00                                                                                   |       |         |
|                                 | Percentile 75      | 2.00                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                             | 47    | 24.5%   |
|                                 | 2                  | Just a little                                                                          | 18    | 9.4%    |
|                                 | 3                  | Some                                                                                   | 13    | 6.8%    |
|                                 | 4                  | Quite a bit                                                                            | 3     | 1.6%    |
|                                 | 5                  | A great deal                                                                           | 1     | 0.5%    |

#### a4TCSCI03\_9

|                     |          | Value                                                                                                 | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 825                                                                                                   |       |         |
|                     | Label    | To what extent do you feel nanoscientists probably...-Have the knowledge needed to do their jobs well |       |         |
|                     | Type     | Numeric                                                                                               |       |         |
|                     |          |                                                                                                       |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 82            |    |       |
|                                 | Missing            | 110           |    |       |
| Central Tendency and Dispersion | Mean               | 4.01          |    |       |
|                                 | Standard Deviation | .809          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 4.00          |    |       |
|                                 | Percentile 75      | 5.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 0  | 0.0%  |
|                                 | 2                  | Just a little | 2  | 1.0%  |
|                                 | 3                  | Some          | 20 | 10.4% |
|                                 | 4                  | Quite a bit   | 35 | 18.2% |
|                                 | 5                  | A great deal  | 25 | 13.0% |

#### a4TCSCI03\_10

|                                 |                    | Value                                                                                              | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 826                                                                                                |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Have the skills needed to do their jobs well |       |         |
|                                 | Type               | Numeric                                                                                            |       |         |
|                                 | Format             | F8                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                              |       |         |
|                                 |                    |                                                                                                    |       |         |
| N                               | Valid              | 82                                                                                                 |       |         |
|                                 | Missing            | 110                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 4.01                                                                                               |       |         |
|                                 | Standard Deviation | .809                                                                                               |       |         |
|                                 | Percentile 25      | 4.00                                                                                               |       |         |
|                                 | Percentile 50      | 4.00                                                                                               |       |         |
|                                 | Percentile 75      | 5.00                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                         | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                      | 3     | 1.6%    |
|                                 | 3                  | Some                                                                                               | 17    | 8.9%    |
|                                 | 4                  | Quite a bit                                                                                        | 38    | 19.8%   |
|                                 | 5                  | A great deal                                                                                       | 24    | 12.5%   |

#### a4TCSCI03\_11

|                     |          | Value                                                                                                | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 827                                                                                                  |       |         |
|                     | Label    | To what extent do you feel nanoscientists probably...-Have the training needed to do their jobs well |       |         |
|                     | Type     | Numeric                                                                                              |       |         |
|                     | Format   | F8                                                                                                   |       |         |
|                     |          |                                                                                                      |       |         |

|                                 | Measurement        | Scale         |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 82            |    |       |
|                                 | Missing            | 110           |    |       |
| Central Tendency and Dispersion | Mean               | 3.94          |    |       |
|                                 | Standard Deviation | .743          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 4.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 0  | 0.0%  |
|                                 | 2                  | Just a little | 2  | 1.0%  |
|                                 | 3                  | Some          | 19 | 9.9%  |
|                                 | 4                  | Quite a bit   | 43 | 22.4% |
|                                 | 5                  | A great deal  | 18 | 9.4%  |

#### a4TCSCI03\_12

|                                 |                    | Value                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 828                                                                                             |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Use fair procedures when making decisions |       |         |
|                                 | Type               | Numeric                                                                                         |       |         |
|                                 | Format             | F8                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                           |       |         |
|                                 |                    |                                                                                                 |       |         |
| N                               | Valid              | 82                                                                                              |       |         |
|                                 | Missing            | 110                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.40                                                                                            |       |         |
|                                 | Standard Deviation | .735                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                      | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                   | 6     | 3.1%    |
|                                 | 3                  | Some                                                                                            | 37    | 19.3%   |
|                                 | 4                  | Quite a bit                                                                                     | 35    | 18.2%   |
|                                 | 5                  | A great deal                                                                                    | 3     | 1.6%    |

#### a4TCSCI03\_13

|                     |             | Value                                                                              | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 829                                                                                |       |         |
|                     | Label       | To what extent do you feel nanoscientists probably...-Listen to everyone's opinion |       |         |
|                     | Type        | Numeric                                                                            |       |         |
|                     | Format      | F8                                                                                 |       |         |
|                     | Measurement | Scale                                                                              |       |         |
|                     |             |                                                                                    |       |         |
| N                   | Valid       | 82                                                                                 |       |         |

|                                 |                    |               |      |       |  |
|---------------------------------|--------------------|---------------|------|-------|--|
|                                 | Missing            |               | 110  |       |  |
| Central Tendency and Dispersion | Mean               |               | 2.99 |       |  |
|                                 | Standard Deviation |               | .824 |       |  |
|                                 | Percentile 25      |               | 2.00 |       |  |
|                                 | Percentile 50      |               | 3.00 |       |  |
|                                 | Percentile 75      |               | 4.00 |       |  |
| Labeled Values                  | 1                  | Not at all    | 3    | 1.6%  |  |
|                                 | 2                  | Just a little | 18   | 9.4%  |  |
|                                 | 3                  | Some          | 39   | 20.3% |  |
|                                 | 4                  | Quite a bit   | 21   | 10.9% |  |
|                                 | 5                  | A great deal  | 1    | 0.5%  |  |

#### a4TCSCI03\_14

|                                 |                    | Value                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 830                                                                       |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Treat people fairly |       |         |
|                                 | Type               | Numeric                                                                   |       |         |
|                                 | Format             | F8                                                                        |       |         |
|                                 | Measurement        | Scale                                                                     |       |         |
|                                 |                    |                                                                           |       |         |
| N                               | Valid              | 82                                                                        |       |         |
|                                 | Missing            | 110                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.34                                                                      |       |         |
|                                 | Standard Deviation | .724                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                      |       |         |
|                                 | Percentile 75      | 4.00                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                             | 8     | 4.2%    |
|                                 | 3                  | Some                                                                      | 42    | 21.9%   |
|                                 | 4                  | Quite a bit                                                               | 28    | 14.6%   |
|                                 | 5                  | A great deal                                                              | 4     | 2.1%    |

#### a4TCSCI03\_15

|                                 |             | Value                                                                                     | Count | Percent |
|---------------------------------|-------------|-------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 831                                                                                       |       |         |
|                                 | Label       | To what extent do you feel nanoscientists probably...-Care about the community they serve |       |         |
|                                 | Type        | Numeric                                                                                   |       |         |
|                                 | Format      | F8                                                                                        |       |         |
|                                 | Measurement | Scale                                                                                     |       |         |
|                                 |             |                                                                                           |       |         |
| N                               | Valid       | 82                                                                                        |       |         |
|                                 | Missing     | 110                                                                                       |       |         |
| Central Tendency and Dispersion | Mean        | 3.44                                                                                      |       |         |

|                |                    |               |    |       |
|----------------|--------------------|---------------|----|-------|
|                | Standard Deviation | .833          |    |       |
|                | Percentile 25      | 3.00          |    |       |
|                | Percentile 50      | 3.50          |    |       |
|                | Percentile 75      | 4.00          |    |       |
| Labeled Values | 1                  | Not at all    | 1  | 0.5%  |
|                | 2                  | Just a little | 9  | 4.7%  |
|                | 3                  | Some          | 31 | 16.1% |
|                | 4                  | Quite a bit   | 35 | 18.2% |
|                | 5                  | A great deal  | 6  | 3.1%  |

#### a4TCSCI03\_17

|                                 |                    | Value                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 832                                                                                 |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Reach the correct conclusions |       |         |
|                                 | Type               | Numeric                                                                             |       |         |
|                                 | Format             | F8                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                               |       |         |
|                                 |                    |                                                                                     |       |         |
| N                               | Valid              | 82                                                                                  |       |         |
|                                 | Missing            | 110                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.59                                                                                |       |         |
|                                 | Standard Deviation | .753                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                |       |         |
|                                 | Percentile 50      | 4.00                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                          | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                       | 6     | 3.1%    |
|                                 | 3                  | Some                                                                                | 29    | 15.1%   |
|                                 | 4                  | Quite a bit                                                                         | 40    | 20.8%   |
|                                 | 5                  | A great deal                                                                        | 7     | 3.6%    |

#### a4TCSCI03\_18

|                                 |                    | Value                                                                                              | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 833                                                                                                |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Reach conclusions that are best for everyone |       |         |
|                                 | Type               | Numeric                                                                                            |       |         |
|                                 | Format             | F8                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                              |       |         |
|                                 |                    |                                                                                                    |       |         |
| N                               | Valid              | 82                                                                                                 |       |         |
|                                 | Missing            | 110                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.26                                                                                               |       |         |
|                                 | Standard Deviation | .872                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                               |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 1  | 0.5%  |
|                | 2             | Just a little | 13 | 6.8%  |
|                | 3             | Some          | 39 | 20.3% |
|                | 4             | Quite a bit   | 22 | 11.5% |
|                | 5             | A great deal  | 7  | 3.6%  |

#### a4TCSCI03\_19

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 834                                                                                                             |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Care about people like you, your friends, and your family |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 82                                                                                                              |       |         |
|                                 | Missing            | 110                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.18                                                                                                            |       |         |
|                                 | Standard Deviation | .983                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                      | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                                                   | 12    | 6.3%    |
|                                 | 3                  | Some                                                                                                            | 34    | 17.7%   |
|                                 | 4                  | Quite a bit                                                                                                     | 25    | 13.0%   |
|                                 | 5                  | A great deal                                                                                                    | 6     | 3.1%    |

#### a4TCSCI03\_20

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 835                                                                                                             |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are concerned with how their work impacts everyday people |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 82                                                                                                              |       |         |
|                                 | Missing            | 110                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.57                                                                                                            |       |         |
|                                 | Standard Deviation | .889                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                            |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 4.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 1  | 0.5%  |
|                | 2             | Just a little | 8  | 4.2%  |
|                | 3             | Some          | 27 | 14.1% |
|                | 4             | Quite a bit   | 35 | 18.2% |
|                | 5             | A great deal  | 11 | 5.7%  |

#### a4TCSCI03\_21

|                                 |                    | Value                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 836                                                                                             |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Care about how their work affects culture |       |         |
|                                 | Type               | Numeric                                                                                         |       |         |
|                                 | Format             | F8                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                           |       |         |
|                                 |                    |                                                                                                 |       |         |
| N                               | Valid              | 82                                                                                              |       |         |
|                                 | Missing            | 110                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                            |       |         |
|                                 | Standard Deviation | .917                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                      | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                   | 9     | 4.7%    |
|                                 | 3                  | Some                                                                                            | 35    | 18.2%   |
|                                 | 4                  | Quite a bit                                                                                     | 28    | 14.6%   |
|                                 | 5                  | A great deal                                                                                    | 7     | 3.6%    |

#### a4TCSCI03\_22

|                                 |                    | Value                                                                                                | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 837                                                                                                  |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Care about the long-term impacts of their work |       |         |
|                                 | Type               | Numeric                                                                                              |       |         |
|                                 | Format             | F8                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                |       |         |
|                                 |                    |                                                                                                      |       |         |
| N                               | Valid              | 82                                                                                                   |       |         |
|                                 | Missing            | 110                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.65                                                                                                 |       |         |
|                                 | Standard Deviation | .921                                                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                                                 |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 1  | 0.5%  |
|                | 2             | Just a little | 8  | 4.2%  |
|                | 3             | Some          | 24 | 12.5% |
|                | 4             | Quite a bit   | 35 | 18.2% |
|                | 5             | A great deal  | 14 | 7.3%  |

#### a4TCSCI03\_23

|                                 |                    | Value                                                                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 838                                                                                         |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are motivated to "do the right thing" |       |         |
|                                 | Type               | Numeric                                                                                     |       |         |
|                                 | Format             | F8                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                       |       |         |
|                                 |                    |                                                                                             |       |         |
| N                               | Valid              | 82                                                                                          |       |         |
|                                 | Missing            | 110                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.39                                                                                        |       |         |
|                                 | Standard Deviation | .733                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                  | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                               | 9     | 4.7%    |
|                                 | 3                  | Some                                                                                        | 35    | 18.2%   |
|                                 | 4                  | Quite a bit                                                                                 | 35    | 18.2%   |
|                                 | 5                  | A great deal                                                                                | 3     | 1.6%    |

#### a4TCSCI03\_24

|                                 |                    | Value                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 839                                                                                                                          |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are likely to do the right thing because they see themselves as "good" |       |         |
|                                 | Type               | Numeric                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                        |       |         |
|                                 |                    |                                                                                                                              |       |         |
| N                               | Valid              | 82                                                                                                                           |       |         |
|                                 | Missing            | 110                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.24                                                                                                                         |       |         |
|                                 | Standard Deviation | .794                                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                         |       |         |

|                |   |               |    |       |
|----------------|---|---------------|----|-------|
| Labeled Values | 1 | Not at all    | 0  | 0.0%  |
|                | 2 | Just a little | 14 | 7.3%  |
|                | 3 | Some          | 38 | 19.8% |
|                | 4 | Quite a bit   | 26 | 13.5% |
|                | 5 | A great deal  | 4  | 2.1%  |

#### a4TCSCI03\_25

|                                 |                    | Value                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 840                                                                                                                    |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Would feel bad about themselves if their work put others at risk |       |         |
|                                 | Type               | Numeric                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                  |       |         |
|                                 |                    |                                                                                                                        |       |         |
| N                               | Valid              | 82                                                                                                                     |       |         |
|                                 | Missing            | 110                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                                                   |       |         |
|                                 | Standard Deviation | 1.043                                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                             | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                          | 19    | 9.9%    |
|                                 | 3                  | Some                                                                                                                   | 21    | 10.9%   |
|                                 | 4                  | Quite a bit                                                                                                            | 30    | 15.6%   |
|                                 | 5                  | A great deal                                                                                                           | 10    | 5.2%    |

#### a4TCSCI03\_26

|                                 |                    | Value                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 841                                                                  |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Need oversight |       |         |
|                                 | Type               | Numeric                                                              |       |         |
|                                 | Format             | F8                                                                   |       |         |
|                                 | Measurement        | Scale                                                                |       |         |
|                                 |                    |                                                                      |       |         |
| N                               | Valid              | 82                                                                   |       |         |
|                                 | Missing            | 110                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.38                                                                 |       |         |
|                                 | Standard Deviation | .938                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                           | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                        | 9     | 4.7%    |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 3 | Some         | 32 | 16.7% |
|  | 4 | Quite a bit  | 30 | 15.6% |
|  | 5 | A great deal | 8  | 4.2%  |

#### a4TCSCI03\_27

|                                 |                    | Value                                                                                          | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 842                                                                                            |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are primarily motivated by self-interest |       |         |
|                                 | Type               | Numeric                                                                                        |       |         |
|                                 | Format             | F8                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                          |       |         |
|                                 |                    |                                                                                                |       |         |
| N                               | Valid              | 82                                                                                             |       |         |
|                                 | Missing            | 110                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.98                                                                                           |       |         |
|                                 | Standard Deviation | 1.065                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                     | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                  | 21    | 10.9%   |
|                                 | 3                  | Some                                                                                           | 32    | 16.7%   |
|                                 | 4                  | Quite a bit                                                                                    | 15    | 7.8%    |
|                                 | 5                  | A great deal                                                                                   | 8     | 4.2%    |

#### a4TCSCI03\_28

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 843                                                                                                    |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are primarily motivated by what will profit them |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
|                                 |                    |                                                                                                        |       |         |
| N                               | Valid              | 82                                                                                                     |       |         |
|                                 | Missing            | 110                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.06                                                                                                   |       |         |
|                                 | Standard Deviation | 1.070                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                             | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                          | 19    | 9.9%    |
|                                 | 3                  | Some                                                                                                   | 28    | 14.6%   |
|                                 | 4                  | Quite a bit                                                                                            | 22    | 11.5%   |

|  |   |              |   |      |
|--|---|--------------|---|------|
|  | 5 | A great deal | 7 | 3.6% |
|--|---|--------------|---|------|

#### a4TCSCI03\_29

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 844                                                                                                                |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Are primarily motivated by what will benefit them personally |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 82                                                                                                                 |       |         |
|                                 | Missing            | 110                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.93                                                                                                               |       |         |
|                                 | Standard Deviation | 1.075                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 8     | 4.2%    |
|                                 | 2                  | Just a little                                                                                                      | 20    | 10.4%   |
|                                 | 3                  | Some                                                                                                               | 30    | 15.6%   |
|                                 | 4                  | Quite a bit                                                                                                        | 18    | 9.4%    |
|                                 | 5                  | A great deal                                                                                                       | 6     | 3.1%    |

#### a4TCSCI03\_30

|                                 |                    | Value                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 845                                                                                                                               |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Will do the right thing only if they are punished for doing the wrong thing |       |         |
|                                 | Type               | Numeric                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                   |       |         |
| N                               | Valid              | 82                                                                                                                                |       |         |
|                                 | Missing            | 110                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.82                                                                                                                              |       |         |
|                                 | Standard Deviation | 1.079                                                                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                              |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                        | 12    | 6.3%    |
|                                 | 2                  | Just a little                                                                                                                     | 17    | 8.9%    |
|                                 | 3                  | Some                                                                                                                              | 30    | 15.6%   |
|                                 | 4                  | Quite a bit                                                                                                                       | 20    | 10.4%   |
|                                 | 5                  | A great deal                                                                                                                      | 3     | 1.6%    |

**a4TCSCI03\_31**

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 846                                                                                                             |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Don't really care about the long-term risks of their work |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 82                                                                                                              |       |         |
|                                 | Missing            | 110                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.18                                                                                                            |       |         |
|                                 | Standard Deviation | 1.008                                                                                                           |       |         |
|                                 | Percentile 25      | 1.00                                                                                                            |       |         |
|                                 | Percentile 50      | 2.00                                                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                      | 25    | 13.0%   |
|                                 | 2                  | Just a little                                                                                                   | 27    | 14.1%   |
|                                 | 3                  | Some                                                                                                            | 20    | 10.4%   |
|                                 | 4                  | Quite a bit                                                                                                     | 10    | 5.2%    |
|                                 | 5                  | A great deal                                                                                                    | 0     | 0.0%    |

**a4TCSCI03\_16**

|                                 |                    | Value                                                                                                               | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 847                                                                                                                 |       |         |
|                                 | Label              | To what extent do you feel nanoscientists probably...-Interpret the results of their experiments in an unbiased way |       |         |
|                                 | Type               | Numeric                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                               |       |         |
|                                 |                    |                                                                                                                     |       |         |
| N                               | Valid              | 82                                                                                                                  |       |         |
|                                 | Missing            | 110                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                                                |       |         |
|                                 | Standard Deviation | .890                                                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                          | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                       | 12    | 6.3%    |
|                                 | 3                  | Some                                                                                                                | 36    | 18.8%   |
|                                 | 4                  | Quite a bit                                                                                                         | 25    | 13.0%   |
|                                 | 5                  | A great deal                                                                                                        | 8     | 4.2%    |

**Q128\_1**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 848                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 82                 |
|                                 | Missing            | 110                |
| Central Tendency and Dispersion | Mean               | 17.3225            |
|                                 | Standard Deviation | 34.49686           |
|                                 | Percentile 25      | 5.9850             |
|                                 | Percentile 50      | 7.5660             |
|                                 | Percentile 75      | 10.2090            |

**Q128\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 849               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 82                |
|                                 | Missing            | 110               |
| Central Tendency and Dispersion | Mean               | 158.0684          |
|                                 | Standard Deviation | 129.62431         |
|                                 | Percentile 25      | 107.9480          |
|                                 | Percentile 50      | 135.8510          |
|                                 | Percentile 75      | 164.9250          |

**Q128\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 850                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 82                 |
|                                 | Missing            | 110                |
| Central Tendency and Dispersion | Mean               | 159.7789           |
|                                 | Standard Deviation | 129.48133          |
|                                 | Percentile 25      | 109.2900           |
|                                 | Percentile 50      | 137.3345           |
|                                 | Percentile 75      | 166.2030           |

**Q128\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 851                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 82                 |
|                                 | Missing            | 110                |
| Central Tendency and Dispersion | Mean               | 42.9512            |
|                                 | Standard Deviation | 4.87600            |
|                                 | Percentile 25      | 40.0000            |
|                                 | Percentile 50      | 42.0000            |
|                                 | Percentile 75      | 45.0000            |

### a4TCSCI07\_1

|                                 |                    | Value                                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 852                                                                                                                                                                                   |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists can be trusted to...-<br>Make decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                                       |       |         |
| N                               | Valid              | 82                                                                                                                                                                                    |       |         |
|                                 | Missing            | 110                                                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.41                                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | .888                                                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                            | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                                                                                                         | 14    | 7.3%    |
|                                 | 3                  | Some                                                                                                                                                                                  | 28    | 14.6%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                           | 32    | 16.7%   |
|                                 | 5                  | A great deal                                                                                                                                                                          | 8     | 4.2%    |

### a4TCSCI07\_2

|                                 |                    | Value                                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 853                                                                                                                                     |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists can be trusted to...-<br>Minimize potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                         |       |         |
| N                               | Valid              | 82                                                                                                                                      |       |         |
|                                 | Missing            | 110                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.38                                                                                                                                    |       |         |
|                                 | Standard Deviation | .841                                                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.50                                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                              | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                                           | 12    | 6.3%    |
|                                 | 3                  | Some                                                                                                                                    | 28    | 14.6%   |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 4 | Quite a bit  | 37 | 19.3% |
|  | 5 | A great deal | 4  | 2.1%  |

#### a4TCSCI07\_4

|                                 |                    | Value                                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 854                                                                                                                                     |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists can be trusted to...- Minimize potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                         |       |         |
| N                               | Valid              | 82                                                                                                                                      |       |         |
|                                 | Missing            | 110                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.16                                                                                                                                    |       |         |
|                                 | Standard Deviation | .936                                                                                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                              | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                           | 20    | 10.4%   |
|                                 | 3                  | Some                                                                                                                                    | 27    | 14.1%   |
|                                 | 4                  | Quite a bit                                                                                                                             | 29    | 15.1%   |
|                                 | 5                  | A great deal                                                                                                                            | 4     | 2.1%    |

#### a4TCSCI07\_3

|                                 |                    | Value                                                                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 855                                                                                                                                                                            |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists can be trusted to...- Think about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                                                                |       |         |
| N                               | Valid              | 82                                                                                                                                                                             |       |         |
|                                 | Missing            | 110                                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.07                                                                                                                                                                           |       |         |
|                                 | Standard Deviation | .828                                                                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                     | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                                                                  | 16    | 8.3%    |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 3 | Some         | 41 | 21.4% |
|  | 4 | Quite a bit  | 20 | 10.4% |
|  | 5 | A great deal | 3  | 1.6%  |

#### a4TCSCI07\_5

|                                 |                    | Value                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 856                                                                                                                          |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists can be trusted to...- Maximize potential benefits |       |         |
|                                 | Type               | Numeric                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                        |       |         |
|                                 |                    |                                                                                                                              |       |         |
| N                               | Valid              | 82                                                                                                                           |       |         |
|                                 | Missing            | 110                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.89                                                                                                                         |       |         |
|                                 | Standard Deviation | .801                                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                   | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                                                | 3     | 1.6%    |
|                                 | 3                  | Some                                                                                                                         | 22    | 11.5%   |
|                                 | 4                  | Quite a bit                                                                                                                  | 38    | 19.8%   |
|                                 | 5                  | A great deal                                                                                                                 | 19    | 9.9%    |

#### a4TCSCI08\_1

|                                 |                    | Value                                                                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 857                                                                                                                                                                                 |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are capable of.....- Making decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                                                                     |       |         |
| N                               | Valid              | 82                                                                                                                                                                                  |       |         |
|                                 | Missing            | 110                                                                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.52                                                                                                                                                                                |       |         |
|                                 | Standard Deviation | .892                                                                                                                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                |       |         |

|                |   |               |    |       |
|----------------|---|---------------|----|-------|
| Labeled Values | 1 | Not at all    | 0  | 0.0%  |
|                | 2 | Just a little | 12 | 6.3%  |
|                | 3 | Some          | 25 | 13.0% |
|                | 4 | Quite a bit   | 35 | 18.2% |
|                | 5 | A great deal  | 10 | 5.2%  |

#### a4TCSCI08\_2

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 858                                                                                                                                   |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are capable of.....- Minimizing potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 82                                                                                                                                    |       |         |
|                                 | Missing            | 110                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.49                                                                                                                                  |       |         |
|                                 | Standard Deviation | .878                                                                                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                            | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                                                         | 12    | 6.3%    |
|                                 | 3                  | Some                                                                                                                                  | 27    | 14.1%   |
|                                 | 4                  | Quite a bit                                                                                                                           | 34    | 17.7%   |
|                                 | 5                  | A great deal                                                                                                                          | 9     | 4.7%    |

#### a4TCSCI08\_4

|                                 |                    | Value                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 859                                                                                                                                      |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are capable of.....- Minimizing potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                    |       |         |
|                                 |                    |                                                                                                                                          |       |         |
| N                               | Valid              | 82                                                                                                                                       |       |         |
|                                 | Missing            | 110                                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.29                                                                                                                                     |       |         |
|                                 | Standard Deviation | .882                                                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                               | 1     | 0.5%    |

|  |   |               |    |       |
|--|---|---------------|----|-------|
|  | 2 | Just a little | 14 | 7.3%  |
|  | 3 | Some          | 33 | 17.2% |
|  | 4 | Quite a bit   | 28 | 14.6% |
|  | 5 | A great deal  | 6  | 3.1%  |

### a4TCSCI08\_3

|                                 |                    | Value                                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 860                                                                                                                                                                              |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are capable of.....- Thinking about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                                  |       |         |
| N                               | Valid              | 82                                                                                                                                                                               |       |         |
|                                 | Missing            | 110                                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.35                                                                                                                                                                             |       |         |
|                                 | Standard Deviation | .961                                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                       | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                                                                                    | 12    | 6.3%    |
|                                 | 3                  | Some                                                                                                                                                                             | 27    | 14.1%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                      | 33    | 17.2%   |
|                                 | 5                  | A great deal                                                                                                                                                                     | 7     | 3.6%    |

### a4TCSCI08\_5

|                                 |                    | Value                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 861                                                                                                                           |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are capable of.....- Maximizing potential benefits |       |         |
|                                 | Type               | Numeric                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                         |       |         |
|                                 |                    |                                                                                                                               |       |         |
| N                               | Valid              | 82                                                                                                                            |       |         |
|                                 | Missing            | 110                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.85                                                                                                                          |       |         |
|                                 | Standard Deviation | .877                                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                          |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 0  | 0.0%  |
|                | 2             | Just a little | 7  | 3.6%  |
|                | 3             | Some          | 17 | 8.9%  |
|                | 4             | Quite a bit   | 39 | 20.3% |
|                | 5             | A great deal  | 19 | 9.9%  |

#### a4TCSCI09\_1

|                                 |                    | Value                                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 862                                                                                                                                                                           |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are motivated...-Make decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                                                               |       |         |
| N                               | Valid              | 82                                                                                                                                                                            |       |         |
|                                 | Missing            | 110                                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.59                                                                                                                                                                          |       |         |
|                                 | Standard Deviation | 1.006                                                                                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                    | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                                                                                 | 11    | 5.7%    |
|                                 | 3                  | Some                                                                                                                                                                          | 26    | 13.5%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                   | 27    | 14.1%   |
|                                 | 5                  | A great deal                                                                                                                                                                  | 17    | 8.9%    |

#### a4TCSCI09\_2

|                                 |                    | Value                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 863                                                                                                                             |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are motivated...-Minimize potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                 |       |         |
| N                               | Valid              | 82                                                                                                                              |       |         |
|                                 | Missing            | 110                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.71                                                                                                                            |       |         |
|                                 | Standard Deviation | .936                                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                            |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 50 | 4.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 0  | 0.0%  |
|                | 2             | Just a little | 9  | 4.7%  |
|                | 3             | Some          | 24 | 12.5% |
|                | 4             | Quite a bit   | 31 | 16.1% |
|                | 5             | A great deal  | 18 | 9.4%  |

#### a4TCSCI09\_4

|                                 |                    | Value                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 864                                                                                                                                 |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are motivated...- Minimize potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                     |       |         |
| N                               | Valid              | 82                                                                                                                                  |       |         |
|                                 | Missing            | 110                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.35                                                                                                                                |       |         |
|                                 | Standard Deviation | .986                                                                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                          | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                                       | 15    | 7.8%    |
|                                 | 3                  | Some                                                                                                                                | 32    | 16.7%   |
|                                 | 4                  | Quite a bit                                                                                                                         | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                                                                        | 12    | 6.3%    |

#### a4TCSCI09\_3

|                                 |                    | Value                                                                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 865                                                                                                                                                                       |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are motivated...-Think about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                     |       |         |
|                                 |                    |                                                                                                                                                                           |       |         |
| N                               | Valid              | 82                                                                                                                                                                        |       |         |
|                                 | Missing            | 110                                                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.21                                                                                                                                                                      |       |         |
|                                 | Standard Deviation | .991                                                                                                                                                                      |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 25 | 3.00          |    |       |
|                | Percentile 50 | 3.00          |    |       |
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 4  | 2.1%  |
|                | 2             | Just a little | 14 | 7.3%  |
|                | 3             | Some          | 32 | 16.7% |
|                | 4             | Quite a bit   | 25 | 13.0% |
|                | 5             | A great deal  | 7  | 3.6%  |

#### a4TCSCI09\_5

|                                 |                    | Value                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 866                                                                                                                      |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel nanoscientists are motivated...- Maximize potential benefits |       |         |
|                                 | Type               | Numeric                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                    |       |         |
|                                 |                    |                                                                                                                          |       |         |
| N                               | Valid              | 82                                                                                                                       |       |         |
|                                 | Missing            | 110                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 4.15                                                                                                                     |       |         |
|                                 | Standard Deviation | .848                                                                                                                     |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                     |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                               | 0     | 0.0%    |
|                                 | 2                  | Just a little                                                                                                            | 5     | 2.6%    |
|                                 | 3                  | Some                                                                                                                     | 9     | 4.7%    |
|                                 | 4                  | Quite a bit                                                                                                              | 37    | 19.3%   |
|                                 | 5                  | A great deal                                                                                                             | 31    | 16.1%   |

#### Q102\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 867                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 82                 |
|                                 | Missing            | 110                |
| Central Tendency and Dispersion | Mean               | 34.8572            |
|                                 | Standard Deviation | 180.66238          |
|                                 | Percentile 25      | 6.1400             |
|                                 | Percentile 50      | 8.2120             |
|                                 | Percentile 75      | 13.4250            |

#### Q102\_2

|                     |          | Value             |
|---------------------|----------|-------------------|
| Standard Attributes | Position | 868               |
|                     | Label    | Timing-Last Click |

|                                 |                    |           |
|---------------------------------|--------------------|-----------|
|                                 | Type               | Numeric   |
|                                 | Format             | F8.2      |
|                                 | Measurement        | Scale     |
| N                               | Valid              | 82        |
|                                 | Missing            | 110       |
| Central Tendency and Dispersion | Mean               | 77.1169   |
|                                 | Standard Deviation | 191.37956 |
|                                 | Percentile 25      | 34.7760   |
|                                 | Percentile 50      | 48.9255   |
|                                 | Percentile 75      | 66.4650   |

### Q102\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 869                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 82                 |
|                                 | Missing            | 110                |
| Central Tendency and Dispersion | Mean               | 78.3578            |
|                                 | Standard Deviation | 191.34261          |
|                                 | Percentile 25      | 35.6060            |
|                                 | Percentile 50      | 50.4860            |
|                                 | Percentile 75      | 67.2340            |

### Q102\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 870                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 82                 |
|                                 | Missing            | 110                |
| Central Tendency and Dispersion | Mean               | 17.1098            |
|                                 | Standard Deviation | 2.49941            |
|                                 | Percentile 25      | 16.0000            |
|                                 | Percentile 50      | 16.0000            |
|                                 | Percentile 75      | 18.0000            |

### a4TCREG01\_1

|                     |             |                                                                                                                                                                                                       |       |         |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Value               |             |                                                                                                                                                                                                       | Count | Percent |
| Standard Attributes | Position    | 871                                                                                                                                                                                                   |       |         |
|                     | Label       | POLICY MAKERS<br>Next, please indicate<br>how you feel about<br>the policy makers<br>responsible for<br>regulati...-How much<br>do you know about<br>policy makers who<br>regulate<br>nanotechnology? |       |         |
|                     | Type        | Numeric                                                                                                                                                                                               |       |         |
|                     | Format      | F8                                                                                                                                                                                                    |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                 |       |         |
|                     |             |                                                                                                                                                                                                       |       |         |
| N                   | Valid       | 86                                                                                                                                                                                                    |       |         |
|                     | Missing     | 106                                                                                                                                                                                                   |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| Central Tendency and Dispersion | Mean               | 1.71          |    |       |
|                                 | Standard Deviation | .852          |    |       |
|                                 | Percentile 25      | 1.00          |    |       |
|                                 | Percentile 50      | 1.00          |    |       |
|                                 | Percentile 75      | 2.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 45 | 23.4% |
|                                 | 2                  | Just a little | 23 | 12.0% |
|                                 | 3                  | Some          | 16 | 8.3%  |
|                                 | 4                  | Quite a bit   | 2  | 1.0%  |
|                                 | 5                  | A great deal  | 0  | 0.0%  |

#### a4TCREG01\_2

|                                 |                    | Value                                                                                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 872                                                                                                                                                                                       |       |         |
|                                 | Label              | POLICY MAKERS<br>Next, please indicate how you feel about the policy makers responsible for regulati...-To what extent have you had experiences or interactions with these policy makers? |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                     |       |         |
|                                 |                    |                                                                                                                                                                                           |       |         |
| N                               | Valid              | 86                                                                                                                                                                                        |       |         |
|                                 | Missing            | 106                                                                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.43                                                                                                                                                                                      |       |         |
|                                 | Standard Deviation | .775                                                                                                                                                                                      |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                      |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                      |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                | 63    | 32.8%   |
|                                 | 2                  | Just a little                                                                                                                                                                             | 10    | 5.2%    |
|                                 | 3                  | Some                                                                                                                                                                                      | 12    | 6.3%    |
|                                 | 4                  | Quite a bit                                                                                                                                                                               | 1     | 0.5%    |
|                                 | 5                  | A great deal                                                                                                                                                                              | 0     | 0.0%    |

#### a4TCREG01\_3

|                     |          | Value                                                                                                                                                                               | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 873                                                                                                                                                                                 |       |         |
|                     | Label    | POLICY MAKERS<br>Next, please indicate how you feel about the policy makers responsible for regulati...-To what extent do you feel certain in your views about these policy makers? |       |         |
|                     | Type     | Numeric                                                                                                                                                                             |       |         |
|                     | Format   | F8                                                                                                                                                                                  |       |         |
|                     |          |                                                                                                                                                                                     |       |         |

|                                 | Measurement        | Scale         |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 1.97          |    |       |
|                                 | Standard Deviation | 1.045         |    |       |
|                                 | Percentile 25      | 1.00          |    |       |
|                                 | Percentile 50      | 2.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 39 | 20.3% |
|                                 | 2                  | Just a little | 19 | 9.9%  |
|                                 | 3                  | Some          | 21 | 10.9% |
|                                 | 4                  | Quite a bit   | 6  | 3.1%  |
|                                 | 5                  | A great deal  | 1  | 0.5%  |

#### a4TCREG02\_1

|                                 |                    | Value                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 874                                                                                                               |       |         |
|                                 | Label              | To what extent do you have confidence in policy makers who help regulate nanotechnology to...- Do their jobs well |       |         |
|                                 | Type               | Numeric                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                             |       |         |
|                                 |                    |                                                                                                                   |       |         |
| N                               | Valid              | 86                                                                                                                |       |         |
|                                 | Missing            | 106                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.84                                                                                                              |       |         |
|                                 | Standard Deviation | .765                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                        | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                     | 23    | 12.0%   |
|                                 | 3                  | Some                                                                                                              | 46    | 24.0%   |
|                                 | 4                  | Quite a bit                                                                                                       | 13    | 6.8%    |
|                                 | 5                  | A great deal                                                                                                      | 1     | 0.5%    |

#### a4TCREG02\_2

|                     |          | Value                                                                                                                                   | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 875                                                                                                                                     |       |         |
|                     | Label    | To what extent do you have confidence in policy makers who help regulate nanotechnology to...- Meet their professional responsibilities |       |         |
|                     | Type     | Numeric                                                                                                                                 |       |         |
|                     | Format   | F8                                                                                                                                      |       |         |
|                     |          |                                                                                                                                         |       |         |

|                                 | Measurement        | Scale         |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 3.01          |    |       |
|                                 | Standard Deviation | .819          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 3  | 1.6%  |
|                                 | 2                  | Just a little | 17 | 8.9%  |
|                                 | 3                  | Some          | 44 | 22.9% |
|                                 | 4                  | Quite a bit   | 20 | 10.4% |
|                                 | 5                  | A great deal  | 2  | 1.0%  |

#### a4TCREG02\_3

|                                 |                    | Value                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 876                                                                                                                                |       |         |
|                                 | Label              | To what extent do you have confidence in policy makers who help regulate nanotechnology to...- Meet their ethical responsibilities |       |         |
|                                 | Type               | Numeric                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                    |       |         |
| N                               | Valid              | 86                                                                                                                                 |       |         |
|                                 | Missing            | 106                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.71                                                                                                                               |       |         |
|                                 | Standard Deviation | .879                                                                                                                               |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                               |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                         | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                                                      | 30    | 15.6%   |
|                                 | 3                  | Some                                                                                                                               | 34    | 17.7%   |
|                                 | 4                  | Quite a bit                                                                                                                        | 15    | 7.8%    |
|                                 | 5                  | A great deal                                                                                                                       | 1     | 0.5%    |

#### a4TCREG02\_4

|                     |          | Value                                                                                                                                                                                 | Count | Percent |
|---------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 877                                                                                                                                                                                   |       |         |
|                     | Label    | To what extent do you have confidence in policy makers who help regulate nanotechnology to...- Go above and beyond what is expected of them professionally in order to better society |       |         |
|                     | Type     | Numeric                                                                                                                                                                               |       |         |
|                     |          |                                                                                                                                                                                       |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.52          |    |       |
|                                 | Standard Deviation | .822          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 9  | 4.7%  |
|                                 | 2                  | Just a little | 31 | 16.1% |
|                                 | 3                  | Some          | 39 | 20.3% |
|                                 | 4                  | Quite a bit   | 6  | 3.1%  |
|                                 | 5                  | A great deal  | 1  | 0.5%  |

#### a4TCREG02\_5

|                                 |                    | Value                                                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 878                                                                                                                                                                                               |       |         |
|                                 | Label              | To what extent do you have confidence in policy makers who help regulate nanotechnology to...- Go above and beyond what is expected of them professionally in order to protect society from risks |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                                                   |       |         |
| N                               | Valid              | 86                                                                                                                                                                                                |       |         |
|                                 | Missing            | 106                                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.59                                                                                                                                                                                              |       |         |
|                                 | Standard Deviation | .803                                                                                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                        | 8     | 4.2%    |
|                                 | 2                  | Just a little                                                                                                                                                                                     | 27    | 14.1%   |
|                                 | 3                  | Some                                                                                                                                                                                              | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                                       | 6     | 3.1%    |
|                                 | 5                  | A great deal                                                                                                                                                                                      | 1     | 0.5%    |

#### a4TCREG03\_1

|                     |          | Value                                                                                         | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 879                                                                                           |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Are trustworthy |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.86          |    |       |
|                                 | Standard Deviation | .897          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 5  | 2.6%  |
|                                 | 2                  | Just a little | 22 | 11.5% |
|                                 | 3                  | Some          | 43 | 22.4% |
|                                 | 4                  | Quite a bit   | 12 | 6.3%  |
|                                 | 5                  | A great deal  | 4  | 2.1%  |

#### a4TCREG03\_2

|                                 |                    | Value                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 880                                                                                             |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are untrustworthy |       |         |
|                                 | Type               | Numeric                                                                                         |       |         |
|                                 | Format             | F8                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                           |       |         |
|                                 |                    |                                                                                                 |       |         |
| N                               | Valid              | 86                                                                                              |       |         |
|                                 | Missing            | 106                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.63                                                                                            |       |         |
|                                 | Standard Deviation | .895                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                      | 10    | 5.2%    |
|                                 | 2                  | Just a little                                                                                   | 24    | 12.5%   |
|                                 | 3                  | Some                                                                                            | 42    | 21.9%   |
|                                 | 4                  | Quite a bit                                                                                     | 8     | 4.2%    |
|                                 | 5                  | A great deal                                                                                    | 2     | 1.0%    |

#### a4TCREG03\_3

|                     |          | Value                                                                                    | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 881                                                                                      |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Are honest |       |         |
|                     | Type     | Numeric                                                                                  |       |         |
|                     |          |                                                                                          |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.91          |    |       |
|                                 | Standard Deviation | .835          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 2  | 1.0%  |
|                                 | 2                  | Just a little | 24 | 12.5% |
|                                 | 3                  | Some          | 44 | 22.9% |
|                                 | 4                  | Quite a bit   | 12 | 6.3%  |
|                                 | 5                  | A great deal  | 4  | 2.1%  |

#### a4TCREG03\_4

|                                 |                    | Value                                                                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 882                                                                                       |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are ethical |       |         |
|                                 | Type               | Numeric                                                                                   |       |         |
|                                 | Format             | F8                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                     |       |         |
|                                 |                    |                                                                                           |       |         |
| N                               | Valid              | 86                                                                                        |       |         |
|                                 | Missing            | 106                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.92                                                                                      |       |         |
|                                 | Standard Deviation | .829                                                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                             | 23    | 12.0%   |
|                                 | 3                  | Some                                                                                      | 45    | 23.4%   |
|                                 | 4                  | Quite a bit                                                                               | 12    | 6.3%    |
|                                 | 5                  | A great deal                                                                              | 4     | 2.1%    |

#### a4TCREG03\_5

|                     |          | Value                                                                                       | Count | Percent |
|---------------------|----------|---------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 883                                                                                         |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Are dishonest |       |         |
|                     | Type     | Numeric                                                                                     |       |         |
|                     | Format   | F8                                                                                          |       |         |
|                     |          |                                                                                             |       |         |

|                                 | Measurement        | Scale         |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.73          |    |       |
|                                 | Standard Deviation | .846          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 6  | 3.1%  |
|                                 | 2                  | Just a little | 25 | 13.0% |
|                                 | 3                  | Some          | 43 | 22.4% |
|                                 | 4                  | Quite a bit   | 10 | 5.2%  |
|                                 | 5                  | A great deal  | 2  | 1.0%  |

#### a4TCREG03\_6

|                                 |                    | Value                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 884                                                                                    |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are fair |       |         |
|                                 | Type               | Numeric                                                                                |       |         |
|                                 | Format             | F8                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                  |       |         |
|                                 |                    |                                                                                        |       |         |
| N                               | Valid              | 86                                                                                     |       |         |
|                                 | Missing            | 106                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.93                                                                                   |       |         |
|                                 | Standard Deviation | .748                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                             | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                          | 22    | 11.5%   |
|                                 | 3                  | Some                                                                                   | 47    | 24.5%   |
|                                 | 4                  | Quite a bit                                                                            | 14    | 7.3%    |
|                                 | 5                  | A great deal                                                                           | 2     | 1.0%    |

#### a4TCREG03\_7

|                     |             | Value                                                                                                        | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 885                                                                                                          |       |         |
|                     | Label       | To what extent do you feel policy makers who help regulate nanotechnology...- Are competent to do their jobs |       |         |
|                     | Type        | Numeric                                                                                                      |       |         |
|                     | Format      | F8                                                                                                           |       |         |
|                     | Measurement | Scale                                                                                                        |       |         |
|                     |             |                                                                                                              |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 3.22          |    |       |
|                                 | Standard Deviation | .913          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 2  | 1.0%  |
|                                 | 2                  | Just a little | 16 | 8.3%  |
|                                 | 3                  | Some          | 35 | 18.2% |
|                                 | 4                  | Quite a bit   | 27 | 14.1% |
|                                 | 5                  | A great deal  | 6  | 3.1%  |

#### a4TCREG03\_8

|                                 |                    | Value                                                                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 886                                                                                                            |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are incompetent to do their jobs |       |         |
|                                 | Type               | Numeric                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                          |       |         |
|                                 |                    |                                                                                                                |       |         |
| N                               | Valid              | 86                                                                                                             |       |         |
|                                 | Missing            | 106                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.33                                                                                                           |       |         |
|                                 | Standard Deviation | .963                                                                                                           |       |         |
|                                 | Percentile 25      | 2.00                                                                                                           |       |         |
|                                 | Percentile 50      | 2.00                                                                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                     | 18    | 9.4%    |
|                                 | 2                  | Just a little                                                                                                  | 32    | 16.7%   |
|                                 | 3                  | Some                                                                                                           | 28    | 14.6%   |
|                                 | 4                  | Quite a bit                                                                                                    | 6     | 3.1%    |
|                                 | 5                  | A great deal                                                                                                   | 2     | 1.0%    |

#### a4TCREG03\_9

|                     |             | Value                                                                                                                         | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 887                                                                                                                           |       |         |
|                     | Label       | To what extent do you feel policy makers who help regulate nanotechnology...- Have the knowledge needed to do their jobs well |       |         |
|                     | Type        | Numeric                                                                                                                       |       |         |
|                     | Format      | F8                                                                                                                            |       |         |
|                     | Measurement | Scale                                                                                                                         |       |         |
|                     |             |                                                                                                                               |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 3.37          |    |       |
|                                 | Standard Deviation | .921          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 3  | 1.6%  |
|                                 | 2                  | Just a little | 8  | 4.2%  |
|                                 | 3                  | Some          | 38 | 19.8% |
|                                 | 4                  | Quite a bit   | 28 | 14.6% |
|                                 | 5                  | A great deal  | 9  | 4.7%  |

#### a4TCREG03\_10

|                                 |                    | Value                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 888                                                                                                                        |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Have the skills needed to do their jobs well |       |         |
|                                 | Type               | Numeric                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                      |       |         |
|                                 |                    |                                                                                                                            |       |         |
| N                               | Valid              | 86                                                                                                                         |       |         |
|                                 | Missing            | 106                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.38                                                                                                                       |       |         |
|                                 | Standard Deviation | .897                                                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                 | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                              | 8     | 4.2%    |
|                                 | 3                  | Some                                                                                                                       | 35    | 18.2%   |
|                                 | 4                  | Quite a bit                                                                                                                | 33    | 17.2%   |
|                                 | 5                  | A great deal                                                                                                               | 7     | 3.6%    |

#### a4TCREG03\_11

|                     |          | Value                                                                                                                        | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 889                                                                                                                          |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Have the training needed to do their jobs well |       |         |
|                     | Type     | Numeric                                                                                                                      |       |         |
|                     | Format   | F8                                                                                                                           |       |         |
|                     |          |                                                                                                                              |       |         |
|                     |          |                                                                                                                              |       |         |

|                                 | Measurement        | Scale         |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 3.27          |    |       |
|                                 | Standard Deviation | .873          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 1  | 0.5%  |
|                                 | 2                  | Just a little | 14 | 7.3%  |
|                                 | 3                  | Some          | 39 | 20.3% |
|                                 | 4                  | Quite a bit   | 25 | 13.0% |
|                                 | 5                  | A great deal  | 7  | 3.6%  |

#### a4TCREG03\_12

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 890                                                                                                                     |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Use fair procedures when making decisions |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
|                                 |                    |                                                                                                                         |       |         |
| N                               | Valid              | 86                                                                                                                      |       |         |
|                                 | Missing            | 106                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.93                                                                                                                    |       |         |
|                                 | Standard Deviation | .851                                                                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                              | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                                                                           | 18    | 9.4%    |
|                                 | 3                  | Some                                                                                                                    | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                                                                                                             | 12    | 6.3%    |
|                                 | 5                  | A great deal                                                                                                            | 4     | 2.1%    |

#### a4TCREG03\_13

|                     |          | Value                                                                                                      | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 891                                                                                                        |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Listen to everyone's opinion |       |         |
|                     | Type     | Numeric                                                                                                    |       |         |
|                     | Format   | F8                                                                                                         |       |         |
|                     |          |                                                                                                            |       |         |

|                                 | Measurement        | Scale         |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.62          |    |       |
|                                 | Standard Deviation | .814          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 7  | 3.6%  |
|                                 | 2                  | Just a little | 28 | 14.6% |
|                                 | 3                  | Some          | 44 | 22.9% |
|                                 | 4                  | Quite a bit   | 5  | 2.6%  |
|                                 | 5                  | A great deal  | 2  | 1.0%  |

#### a4TCREG03\_14

|                                 |                    | Value                                                                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 892                                                                                               |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Treat people fairly |       |         |
|                                 | Type               | Numeric                                                                                           |       |         |
|                                 | Format             | F8                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                             |       |         |
|                                 |                    |                                                                                                   |       |         |
| N                               | Valid              | 86                                                                                                |       |         |
|                                 | Missing            | 106                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.91                                                                                              |       |         |
|                                 | Standard Deviation | .876                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                        | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                     | 16    | 8.3%    |
|                                 | 3                  | Some                                                                                              | 47    | 24.5%   |
|                                 | 4                  | Quite a bit                                                                                       | 14    | 7.3%    |
|                                 | 5                  | A great deal                                                                                      | 3     | 1.6%    |

#### a4TCREG03\_15

|                     |             | Value                                                                                                             | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 893                                                                                                               |       |         |
|                     | Label       | To what extent do you feel policy makers who help regulate nanotechnology...- Care about the community they serve |       |         |
|                     | Type        | Numeric                                                                                                           |       |         |
|                     | Format      | F8                                                                                                                |       |         |
|                     | Measurement | Scale                                                                                                             |       |         |
|                     |             |                                                                                                                   |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 3.07          |    |       |
|                                 | Standard Deviation | .837          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 1  | 0.5%  |
|                                 | 2                  | Just a little | 21 | 10.9% |
|                                 | 3                  | Some          | 38 | 19.8% |
|                                 | 4                  | Quite a bit   | 23 | 12.0% |
|                                 | 5                  | A great deal  | 3  | 1.6%  |

#### a4TCREG03\_16

|                                 |                    | Value                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 894                                                                                                                                                           |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are not biased when it comes to interpreting science that is relevant to policy |       |         |
|                                 | Type               | Numeric                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                         |       |         |
| N                               | Valid              | 86                                                                                                                                                            |       |         |
|                                 | Missing            | 106                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.58                                                                                                                                                          |       |         |
|                                 | Standard Deviation | .964                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 2.50                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                    | 9     | 4.7%    |
|                                 | 2                  | Just a little                                                                                                                                                 | 34    | 17.7%   |
|                                 | 3                  | Some                                                                                                                                                          | 31    | 16.1%   |
|                                 | 4                  | Quite a bit                                                                                                                                                   | 8     | 4.2%    |
|                                 | 5                  | A great deal                                                                                                                                                  | 4     | 2.1%    |

#### a4TCREG03\_17

|                     |          | Value                                                                                                       | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 895                                                                                                         |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Reach the correct conclusions |       |         |
|                     | Type     | Numeric                                                                                                     |       |         |
|                     | Format   | F8                                                                                                          |       |         |

|                                 | Measurement        | Scale         |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.92          |    |       |
|                                 | Standard Deviation | .815          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 2  | 1.0%  |
|                                 | 2                  | Just a little | 23 | 12.0% |
|                                 | 3                  | Some          | 44 | 22.9% |
|                                 | 4                  | Quite a bit   | 14 | 7.3%  |
|                                 | 5                  | A great deal  | 3  | 1.6%  |

#### a4TCREG03\_18

|                                 |                    | Value                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 896                                                                                                                        |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Reach conclusions that are best for everyone |       |         |
|                                 | Type               | Numeric                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                      |       |         |
|                                 |                    |                                                                                                                            |       |         |
| N                               | Valid              | 86                                                                                                                         |       |         |
|                                 | Missing            | 106                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.76                                                                                                                       |       |         |
|                                 | Standard Deviation | .766                                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                 | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                              | 28    | 14.6%   |
|                                 | 3                  | Some                                                                                                                       | 43    | 22.4%   |
|                                 | 4                  | Quite a bit                                                                                                                | 11    | 5.7%    |
|                                 | 5                  | A great deal                                                                                                               | 1     | 0.5%    |

#### a4TCREG03\_19

|                     |          | Value                                                                                                                                   | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 897                                                                                                                                     |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Care about people like you, your friends, and your family |       |         |
|                     | Type     | Numeric                                                                                                                                 |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.92          |    |       |
|                                 | Standard Deviation | .897          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 3.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 4  | 2.1%  |
|                                 | 2                  | Just a little | 22 | 11.5% |
|                                 | 3                  | Some          | 41 | 21.4% |
|                                 | 4                  | Quite a bit   | 15 | 7.8%  |
|                                 | 5                  | A great deal  | 4  | 2.1%  |

#### a4TCREG03\_20

|                                 |                    | Value                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 898                                                                                                                                         |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are concerned with how their decisions impact everyday people |       |         |
|                                 | Type               | Numeric                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                             |       |         |
| N                               | Valid              | 86                                                                                                                                          |       |         |
|                                 | Missing            | 106                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                                                        |       |         |
|                                 | Standard Deviation | .796                                                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                  | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                               | 22    | 11.5%   |
|                                 | 3                  | Some                                                                                                                                        | 41    | 21.4%   |
|                                 | 4                  | Quite a bit                                                                                                                                 | 20    | 10.4%   |
|                                 | 5                  | A great deal                                                                                                                                | 1     | 0.5%    |

#### a4TCREG03\_21

|                     |          | Value                                                                                                                       | Count | Percent |
|---------------------|----------|-----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 899                                                                                                                         |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Care about how their decisions affect culture |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 2.99          |    |       |
|                                 | Standard Deviation | .888          |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 4  | 2.1%  |
|                                 | 2                  | Just a little | 19 | 9.9%  |
|                                 | 3                  | Some          | 40 | 20.8% |
|                                 | 4                  | Quite a bit   | 20 | 10.4% |
|                                 | 5                  | A great deal  | 3  | 1.6%  |

#### a4TCREG03\_22

|                                 |                    | Value                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 900                                                                                                                          |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Care about the long-term impacts of their work |       |         |
|                                 | Type               | Numeric                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                        |       |         |
|                                 |                    |                                                                                                                              |       |         |
| N                               | Valid              | 86                                                                                                                           |       |         |
|                                 | Missing            | 106                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.05                                                                                                                         |       |         |
|                                 | Standard Deviation | .796                                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                   | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                                | 15    | 7.8%    |
|                                 | 3                  | Some                                                                                                                         | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                                                                                                  | 23    | 12.0%   |
|                                 | 5                  | A great deal                                                                                                                 | 1     | 0.5%    |

#### a4TCREG03\_23

|                     |          | Value                                                                                                               | Count | Percent |
|---------------------|----------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 901                                                                                                                 |       |         |
|                     | Label    | To what extent do you feel policy makers who help regulate nanotechnology...- Are motivated to "do the right thing" |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 86            |    |       |
|                                 | Missing            | 106           |    |       |
| Central Tendency and Dispersion | Mean               | 3.08          |    |       |
|                                 | Standard Deviation | .815          |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 3  | 1.6%  |
|                                 | 2                  | Just a little | 14 | 7.3%  |
|                                 | 3                  | Some          | 44 | 22.9% |
|                                 | 4                  | Quite a bit   | 23 | 12.0% |
|                                 | 5                  | A great deal  | 2  | 1.0%  |

#### a4TCREG03\_24

|                                 |                    | Value                                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 902                                                                                                                                                  |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are likely to do the right thing because they see themselves as "good" |       |         |
|                                 | Type               | Numeric                                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                                      |       |         |
| N                               | Valid              | 86                                                                                                                                                   |       |         |
|                                 | Missing            | 106                                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                                                                 |       |         |
|                                 | Standard Deviation | .853                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                 |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                           | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                                        | 24    | 12.5%   |
|                                 | 3                  | Some                                                                                                                                                 | 39    | 20.3%   |
|                                 | 4                  | Quite a bit                                                                                                                                          | 18    | 9.4%    |
|                                 | 5                  | A great deal                                                                                                                                         | 3     | 1.6%    |

#### a4TCREG03\_25

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 903   |       |         |

|                                 |                    |                                                                                                                                                     |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Would feel bad about themselves if their decisions put others at risk |    |       |
|                                 | Type               | Numeric                                                                                                                                             |    |       |
|                                 | Format             | F8                                                                                                                                                  |    |       |
|                                 | Measurement        | Scale                                                                                                                                               |    |       |
| N                               | Valid              | 86                                                                                                                                                  |    |       |
|                                 | Missing            | 106                                                                                                                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 3.02                                                                                                                                                |    |       |
|                                 | Standard Deviation | .894                                                                                                                                                |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                                |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                          | 4  | 2.1%  |
|                                 | 2                  | Just a little                                                                                                                                       | 18 | 9.4%  |
|                                 | 3                  | Some                                                                                                                                                | 39 | 20.3% |
|                                 | 4                  | Quite a bit                                                                                                                                         | 22 | 11.5% |
|                                 | 5                  | A great deal                                                                                                                                        | 3  | 1.6%  |

#### a4TCREG03\_26

|                                 |                    | Value                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 904                                                                                          |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Need oversight |       |         |
|                                 | Type               | Numeric                                                                                      |       |         |
|                                 | Format             | F8                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                        |       |         |
|                                 |                    |                                                                                              |       |         |
| N                               | Valid              | 86                                                                                           |       |         |
|                                 | Missing            | 106                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.36                                                                                         |       |         |
|                                 | Standard Deviation | .906                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                   | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                | 10    | 5.2%    |
|                                 | 3                  | Some                                                                                         | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                                                                  | 19    | 9.9%    |
|                                 | 5                  | A great deal                                                                                 | 12    | 6.3%    |

#### a4TCREG03\_27

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 905   |       |         |

|                                 |                    |                                                                                                                        |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are primarily motivated by self-interest |    |       |
|                                 | Type               | Numeric                                                                                                                |    |       |
|                                 | Format             | F8                                                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                                                  |    |       |
| N                               | Valid              | 86                                                                                                                     |    |       |
|                                 | Missing            | 106                                                                                                                    |    |       |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                                                   |    |       |
|                                 | Standard Deviation | 1.050                                                                                                                  |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                   |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                   |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                   |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                             | 4  | 2.1%  |
|                                 | 2                  | Just a little                                                                                                          | 18 | 9.4%  |
|                                 | 3                  | Some                                                                                                                   | 31 | 16.1% |
|                                 | 4                  | Quite a bit                                                                                                            | 23 | 12.0% |
|                                 | 5                  | A great deal                                                                                                           | 10 | 5.2%  |

#### a4TCREG03\_28

|                                 |                    | Value                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 906                                                                                                                            |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Are primarily motivated by what will profit them |       |         |
|                                 | Type               | Numeric                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                |       |         |
| N                               | Valid              | 86                                                                                                                             |       |         |
|                                 | Missing            | 106                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                                                           |       |         |
|                                 | Standard Deviation | .846                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                     | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                  | 10    | 5.2%    |
|                                 | 3                  | Some                                                                                                                           | 37    | 19.3%   |
|                                 | 4                  | Quite a bit                                                                                                                    | 32    | 16.7%   |
|                                 | 5                  | A great deal                                                                                                                   | 5     | 2.6%    |

#### a4TCREG03\_29

|  |  | Value | Count | Percent |
|--|--|-------|-------|---------|
|--|--|-------|-------|---------|

|                                 |                    |                                                                                                                                               |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 907                                                                                                                                           |    |       |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...-<br>Are primarily motivated by what will benefit them personally |    |       |
|                                 | Type               | Numeric                                                                                                                                       |    |       |
|                                 | Format             | F8                                                                                                                                            |    |       |
|                                 | Measurement        | Scale                                                                                                                                         |    |       |
|                                 |                    |                                                                                                                                               |    |       |
| N                               | Valid              | 86                                                                                                                                            |    |       |
|                                 | Missing            | 106                                                                                                                                           |    |       |
| Central Tendency and Dispersion | Mean               | 3.26                                                                                                                                          |    |       |
|                                 | Standard Deviation | .884                                                                                                                                          |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                          |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                          |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                          |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                    | 3  | 1.6%  |
|                                 | 2                  | Just a little                                                                                                                                 | 10 | 5.2%  |
|                                 | 3                  | Some                                                                                                                                          | 41 | 21.4% |
|                                 | 4                  | Quite a bit                                                                                                                                   | 26 | 13.5% |
|                                 | 5                  | A great deal                                                                                                                                  | 6  | 3.1%  |

#### a4TCREG03\_30

|                                 |                    | Value                                                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 908                                                                                                                                                          |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...-<br>Will do the right thing only if they are punished for doing the wrong thing |       |         |
|                                 | Type               | Numeric                                                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                                                        |       |         |
|                                 |                    |                                                                                                                                                              |       |         |
| N                               | Valid              | 86                                                                                                                                                           |       |         |
|                                 | Missing            | 106                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.09                                                                                                                                                         |       |         |
|                                 | Standard Deviation | 1.025                                                                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                   | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                                                                                | 16    | 8.3%    |
|                                 | 3                  | Some                                                                                                                                                         | 35    | 18.2%   |
|                                 | 4                  | Quite a bit                                                                                                                                                  | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                                                                                                 | 7     | 3.6%    |

**a4TCREG03\_31**

|                                 |                    | Value                                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 909                                                                                                                                          |       |         |
|                                 | Label              | To what extent do you feel policy makers who help regulate nanotechnology...- Don't really care about the long-term risks of their decisions |       |         |
|                                 | Type               | Numeric                                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                                        |       |         |
|                                 |                    |                                                                                                                                              |       |         |
| N                               | Valid              | 86                                                                                                                                           |       |         |
|                                 | Missing            | 106                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.66                                                                                                                                         |       |         |
|                                 | Standard Deviation | .928                                                                                                                                         |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                         |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                   | 7     | 3.6%    |
|                                 | 2                  | Just a little                                                                                                                                | 32    | 16.7%   |
|                                 | 3                  | Some                                                                                                                                         | 33    | 17.2%   |
|                                 | 4                  | Quite a bit                                                                                                                                  | 11    | 5.7%    |
|                                 | 5                  | A great deal                                                                                                                                 | 3     | 1.6%    |

**Q172\_1**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 910                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 86                 |
|                                 | Missing            | 106                |
| Central Tendency and Dispersion | Mean               | 15.5187            |
|                                 | Standard Deviation | 41.76765           |
|                                 | Percentile 25      | 5.6470             |
|                                 | Percentile 50      | 8.8520             |
|                                 | Percentile 75      | 13.0830            |

**Q172\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 911               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
|                                 |                    |                   |
| N                               | Valid              | 86                |
|                                 | Missing            | 106               |
| Central Tendency and Dispersion | Mean               | 299.4270          |
|                                 | Standard Deviation | 1172.20192        |
|                                 | Percentile 25      | 104.8920          |
|                                 | Percentile 50      | 160.5345          |
|                                 | Percentile 75      | 196.9740          |

**Q172\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 912                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 86                 |
|                                 | Missing            | 106                |
| Central Tendency and Dispersion | Mean               | 301.3034           |
|                                 | Standard Deviation | 1172.34018         |
|                                 | Percentile 25      | 105.7540           |
|                                 | Percentile 50      | 163.1255           |
|                                 | Percentile 75      | 197.7770           |

**Q172\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 913                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 86                 |
|                                 | Missing            | 106                |
| Central Tendency and Dispersion | Mean               | 44.0349            |
|                                 | Standard Deviation | 5.47819            |
|                                 | Percentile 25      | 41.0000            |
|                                 | Percentile 50      | 42.0000            |
|                                 | Percentile 75      | 45.0000            |

**a4TCREG07\_1**

|                                 |                    | Value                                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 914                                                                                                                                                                               |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers can be trusted to...- Make decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                             |       |         |
| N                               | Valid              | 86                                                                                                                                                                                |       |         |
|                                 | Missing            | 106                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.97                                                                                                                                                                              |       |         |
|                                 | Standard Deviation | .789                                                                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                        | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                                                                     | 20    | 10.4%   |
|                                 | 3                  | Some                                                                                                                                                                              | 45    | 23.4%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                       | 17    | 8.9%    |

|  |   |              |   |      |
|--|---|--------------|---|------|
|  | 5 | A great deal | 2 | 1.0% |
|--|---|--------------|---|------|

#### a4TCREG07\_2

|                                 |                    | Value                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 915                                                                                                                                 |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers can be trusted to...- Minimize potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                     |       |         |
| N                               | Valid              | 86                                                                                                                                  |       |         |
|                                 | Missing            | 106                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.17                                                                                                                                |       |         |
|                                 | Standard Deviation | .897                                                                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                          | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                                       | 13    | 6.8%    |
|                                 | 3                  | Some                                                                                                                                | 42    | 21.9%   |
|                                 | 4                  | Quite a bit                                                                                                                         | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                                                                        | 6     | 3.1%    |

#### a4TCREG07\_4

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 916                                                                                                                                    |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers can be trusted to...- Minimize potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 86                                                                                                                                     |       |         |
|                                 | Missing            | 106                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.91                                                                                                                                   |       |         |
|                                 | Standard Deviation | .928                                                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                             | 7     | 3.6%    |
|                                 | 2                  | Just a little                                                                                                                          | 18    | 9.4%    |
|                                 | 3                  | Some                                                                                                                                   | 39    | 20.3%   |
|                                 | 4                  | Quite a bit                                                                                                                            | 20    | 10.4%   |
|                                 | 5                  | A great deal                                                                                                                           | 2     | 1.0%    |

### a4TCREG07\_3

|                                 |                    | Value                                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 917                                                                                                                                                                           |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers can be trusted to...- Think about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                                                               |       |         |
| N                               | Valid              | 86                                                                                                                                                                            |       |         |
|                                 | Missing            | 106                                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.06                                                                                                                                                                          |       |         |
|                                 | Standard Deviation | .831                                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                    | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                                                                 | 18    | 9.4%    |
|                                 | 3                  | Some                                                                                                                                                                          | 42    | 21.9%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                   | 21    | 10.9%   |
|                                 | 5                  | A great deal                                                                                                                                                                  | 3     | 1.6%    |

### a4TCREG07\_5

|                                 |                    | Value                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 918                                                                                                                         |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers can be trusted to...- Maximize potential benefits |       |         |
|                                 | Type               | Numeric                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                       |       |         |
|                                 |                    |                                                                                                                             |       |         |
| N                               | Valid              | 86                                                                                                                          |       |         |
|                                 | Missing            | 106                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.33                                                                                                                        |       |         |
|                                 | Standard Deviation | .913                                                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                        |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                  | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                               | 9     | 4.7%    |
|                                 | 3                  | Some                                                                                                                        | 39    | 20.3%   |
|                                 | 4                  | Quite a bit                                                                                                                 | 27    | 14.1%   |

|  |   |              |   |      |
|--|---|--------------|---|------|
|  | 5 | A great deal | 8 | 4.2% |
|--|---|--------------|---|------|

#### a4TCREG08\_1

|                                 |                    | Value                                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 919                                                                                                                                                                                   |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are capable of.....-<br>Making decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                                       |       |         |
| N                               | Valid              | 86                                                                                                                                                                                    |       |         |
|                                 | Missing            | 106                                                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.09                                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | .821                                                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                            | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                                                                                         | 19    | 9.9%    |
|                                 | 3                  | Some                                                                                                                                                                                  | 40    | 20.8%   |
|                                 | 4                  | Quite a bit                                                                                                                                                                           | 23    | 12.0%   |
|                                 | 5                  | A great deal                                                                                                                                                                          | 3     | 1.6%    |

#### a4TCREG08\_2

|                                 |                    | Value                                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 920                                                                                                                                     |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are capable of.....-<br>Minimizing potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                         |       |         |
| N                               | Valid              | 86                                                                                                                                      |       |         |
|                                 | Missing            | 106                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.36                                                                                                                                    |       |         |
|                                 | Standard Deviation | .880                                                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                              | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                                           | 13    | 6.8%    |

|  |   |              |    |       |
|--|---|--------------|----|-------|
|  | 3 | Some         | 33 | 17.2% |
|  | 4 | Quite a bit  | 32 | 16.7% |
|  | 5 | A great deal | 7  | 3.6%  |

#### a4TCREG08\_4

|                                 |                    | Value                                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 921                                                                                                                                     |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are capable of.....- Minimizing potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                         |       |         |
| N                               | Valid              | 86                                                                                                                                      |       |         |
|                                 | Missing            | 106                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.17                                                                                                                                    |       |         |
|                                 | Standard Deviation | .960                                                                                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                              | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                                           | 19    | 9.9%    |
|                                 | 3                  | Some                                                                                                                                    | 29    | 15.1%   |
|                                 | 4                  | Quite a bit                                                                                                                             | 30    | 15.6%   |
|                                 | 5                  | A great deal                                                                                                                            | 5     | 2.6%    |

#### a4TCREG08\_3

|                                 |                    | Value                                                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 922                                                                                                                                                                             |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are capable of.....- Thinking about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                                                 |       |         |
| N                               | Valid              | 86                                                                                                                                                                              |       |         |
|                                 | Missing            | 106                                                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                                                                                                                                                            |       |         |
|                                 | Standard Deviation | .869                                                                                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                            |       |         |

|                |   |               |    |       |
|----------------|---|---------------|----|-------|
| Labeled Values | 1 | Not at all    | 1  | 0.5%  |
|                | 2 | Just a little | 13 | 6.8%  |
|                | 3 | Some          | 38 | 19.8% |
|                | 4 | Quite a bit   | 27 | 14.1% |
|                | 5 | A great deal  | 7  | 3.6%  |

#### a4TCREG08\_5

|                                 |                    | Value                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 923                                                                                                                          |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are capable of.....- Maximizing potential benefits |       |         |
|                                 | Type               | Numeric                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                        |       |         |
|                                 |                    |                                                                                                                              |       |         |
| N                               | Valid              | 86                                                                                                                           |       |         |
|                                 | Missing            | 106                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.45                                                                                                                         |       |         |
|                                 | Standard Deviation | .916                                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                   | 2     | 1.0%    |
|                                 | 2                  | Just a little                                                                                                                | 8     | 4.2%    |
|                                 | 3                  | Some                                                                                                                         | 36    | 18.8%   |
|                                 | 4                  | Quite a bit                                                                                                                  | 29    | 15.1%   |
|                                 | 5                  | A great deal                                                                                                                 | 11    | 5.7%    |

#### a4TCREG09\_1

|                                 |                    | Value                                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 924                                                                                                                                                                           |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are motivated....-Make decisions about the most important directions for nanotechnology development |       |         |
|                                 | Type               | Numeric                                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                                                               |       |         |
| N                               | Valid              | 86                                                                                                                                                                            |       |         |
|                                 | Missing            | 106                                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                                                                                                                                                          |       |         |
|                                 | Standard Deviation | .768                                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                          |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 0  | 0.0%  |
|                | 2             | Just a little | 10 | 5.2%  |
|                | 3             | Some          | 46 | 24.0% |
|                | 4             | Quite a bit   | 24 | 12.5% |
|                | 5             | A great deal  | 6  | 3.1%  |

#### a4TCREG09\_2

|                                 |                    | Value                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 925                                                                                                                            |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are motivated...-Minimize potential risks for humans |       |         |
|                                 | Type               | Numeric                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                |       |         |
| N                               | Valid              | 86                                                                                                                             |       |         |
|                                 | Missing            | 106                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.35                                                                                                                           |       |         |
|                                 | Standard Deviation | .917                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                           |       |         |
|                                 | Percentile 50      | 3.50                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                     | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                                  | 17    | 8.9%    |
|                                 | 3                  | Some                                                                                                                           | 25    | 13.0%   |
|                                 | 4                  | Quite a bit                                                                                                                    | 37    | 19.3%   |
|                                 | 5                  | A great deal                                                                                                                   | 6     | 3.1%    |

#### a4TCREG09\_4

|                                 |                    | Value                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 926                                                                                                                               |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are motivated...-Minimize potential environmental risks |       |         |
|                                 | Type               | Numeric                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                   |       |         |
| N                               | Valid              | 86                                                                                                                                |       |         |
|                                 | Missing            | 106                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.05                                                                                                                              |       |         |
|                                 | Standard Deviation | .906                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                              |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 3  | 1.6%  |
|                | 2             | Just a little | 22 | 11.5% |
|                | 3             | Some          | 31 | 16.1% |
|                | 4             | Quite a bit   | 28 | 14.6% |
|                | 5             | A great deal  | 2  | 1.0%  |

### a4TCREG09\_3

|                                 |                    | Value                                                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 927                                                                                                                                                                      |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are motivated...-Think about the social and ethical impacts and implications of nanotechnology |       |         |
|                                 | Type               | Numeric                                                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                    |       |         |
|                                 |                    |                                                                                                                                                                          |       |         |
| N                               | Valid              | 86                                                                                                                                                                       |       |         |
|                                 | Missing            | 106                                                                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.19                                                                                                                                                                     |       |         |
|                                 | Standard Deviation | .805                                                                                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                               | 1     | 0.5%    |
|                                 | 2                  | Just a little                                                                                                                                                            | 15    | 7.8%    |
|                                 | 3                  | Some                                                                                                                                                                     | 40    | 20.8%   |
|                                 | 4                  | Quite a bit                                                                                                                                                              | 27    | 14.1%   |
|                                 | 5                  | A great deal                                                                                                                                                             | 3     | 1.6%    |

### a4TCREG09\_5

|                                 |                    | Value                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 928                                                                                                                    |       |         |
|                                 | Label              | When it comes to nanotechnology, to what extent do you feel policy makers are motivated...-Maximize potential benefits |       |         |
|                                 | Type               | Numeric                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                  |       |         |
|                                 |                    |                                                                                                                        |       |         |
| N                               | Valid              | 86                                                                                                                     |       |         |
|                                 | Missing            | 106                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.55                                                                                                                   |       |         |
|                                 | Standard Deviation | .929                                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.50                                                                                                                   |       |         |

|                |               |               |    |       |
|----------------|---------------|---------------|----|-------|
|                | Percentile 75 | 4.00          |    |       |
| Labeled Values | 1             | Not at all    | 2  | 1.0%  |
|                | 2             | Just a little | 6  | 3.1%  |
|                | 3             | Some          | 35 | 18.2% |
|                | 4             | Quite a bit   | 29 | 15.1% |
|                | 5             | A great deal  | 14 | 7.3%  |

### Q181\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 929                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 86                 |
|                                 | Missing            | 106                |
| Central Tendency and Dispersion | Mean               | 24.8695            |
|                                 | Standard Deviation | 54.52025           |
|                                 | Percentile 25      | 6.4690             |
|                                 | Percentile 50      | 9.1080             |
|                                 | Percentile 75      | 14.5500            |

### Q181\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 930               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 86                |
|                                 | Missing            | 106               |
| Central Tendency and Dispersion | Mean               | 70.5211           |
|                                 | Standard Deviation | 70.18976          |
|                                 | Percentile 25      | 36.0860           |
|                                 | Percentile 50      | 49.7465           |
|                                 | Percentile 75      | 80.2630           |

### Q181\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 931                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 86                 |
|                                 | Missing            | 106                |
| Central Tendency and Dispersion | Mean               | 72.0576            |
|                                 | Standard Deviation | 70.16588           |
|                                 | Percentile 25      | 37.4160            |
|                                 | Percentile 50      | 50.5605            |
|                                 | Percentile 75      | 81.0600            |

### Q181\_4

|                     |             |                    |
|---------------------|-------------|--------------------|
|                     |             | Value              |
| Standard Attributes | Position    | 932                |
|                     | Label       | Timing-Click Count |
|                     | Type        | Numeric            |
|                     | Format      | F8.2               |
|                     | Measurement | Scale              |

|                                 |                    |         |
|---------------------------------|--------------------|---------|
| N                               | Valid              | 86      |
|                                 | Missing            | 106     |
| Central Tendency and Dispersion | Mean               | 17.5349 |
|                                 | Standard Deviation | 4.03426 |
|                                 | Percentile 25      | 15.0000 |
|                                 | Percentile 50      | 16.0000 |
|                                 | Percentile 75      | 19.0000 |

#### a4traits\_1

|                                 |                    | Value                                                                                                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 933                                                                                                                                                                                                            |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-<br>A good citizen should listen to people who disagree with them politically |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                          |       |         |
| N                               | Valid              | 168                                                                                                                                                                                                            |       |         |
|                                 | Missing            | 24                                                                                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 4.56                                                                                                                                                                                                           |       |         |
|                                 | Standard Deviation | .940                                                                                                                                                                                                           |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                                                                                           |       |         |
|                                 | Percentile 50      | 5.00                                                                                                                                                                                                           |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                              | 1     | 0.5%    |
|                                 | 2                  | Disagree                                                                                                                                                                                                       | 2     | 1.0%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                              | 15    | 7.8%    |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                                 | 60    | 31.3%   |
|                                 | 5                  | Agree                                                                                                                                                                                                          | 64    | 33.3%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                                 | 26    | 13.5%   |

#### a4traits\_2

|                     |             | Value                                                                                                                                                                                                        | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 934                                                                                                                                                                                                          |       |         |
|                     | Label       | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-<br>A good citizen should allow others to challenge their political beliefs |       |         |
|                     | Type        | Numeric                                                                                                                                                                                                      |       |         |
|                     | Format      | F8                                                                                                                                                                                                           |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                        |       |         |
| N                   | Valid       | 168                                                                                                                                                                                                          |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
|                                 | Missing            | 24                |    |       |
| Central Tendency and Dispersion | Mean               | 4.39              |    |       |
|                                 | Standard Deviation | 1.038             |    |       |
|                                 | Percentile 25      | 4.00              |    |       |
|                                 | Percentile 50      | 4.00              |    |       |
|                                 | Percentile 75      | 5.00              |    |       |
| Labeled Values                  | 1                  | Strongly Disagree | 3  | 1.6%  |
|                                 | 2                  | Disagree          | 3  | 1.6%  |
|                                 | 3                  | Slightly Disagree | 23 | 12.0% |
|                                 | 4                  | Slightly Agree    | 56 | 29.2% |
|                                 | 5                  | Agree             | 63 | 32.8% |
|                                 | 6                  | Strongly Agree    | 20 | 10.4% |

### a4traits\_3

|                                 |                    | Value                                                                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 935                                                                                                                                                                                                           |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-<br>A good citizen should discuss politics with those who disagree with them |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                                                                                               |       |         |
| N                               | Valid              | 168                                                                                                                                                                                                           |       |         |
|                                 | Missing            | 24                                                                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 4.12                                                                                                                                                                                                          |       |         |
|                                 | Standard Deviation | 1.037                                                                                                                                                                                                         |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                             | 1     | 0.5%    |
|                                 | 2                  | Disagree                                                                                                                                                                                                      | 11    | 5.7%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                             | 28    | 14.6%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                                | 69    | 35.9%   |
|                                 | 5                  | Agree                                                                                                                                                                                                         | 45    | 23.4%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                                | 14    | 7.3%    |

### a4traits\_4

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 936   |       |         |

|                                 |                    |                                                                                                                                                                                                        |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-<br>A good citizen should be willing to justify their political views |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                |    |       |
|                                 | Format             | F8                                                                                                                                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                  |    |       |
| N                               | Valid              | 168                                                                                                                                                                                                    |    |       |
|                                 | Missing            | 24                                                                                                                                                                                                     |    |       |
| Central Tendency and Dispersion | Mean               | 4.58                                                                                                                                                                                                   |    |       |
|                                 | Standard Deviation | .957                                                                                                                                                                                                   |    |       |
|                                 | Percentile 25      | 4.00                                                                                                                                                                                                   |    |       |
|                                 | Percentile 50      | 5.00                                                                                                                                                                                                   |    |       |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                   |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                      | 0  | 0.0%  |
|                                 | 2                  | Disagree                                                                                                                                                                                               | 3  | 1.6%  |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                      | 18 | 9.4%  |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                         | 55 | 28.6% |
|                                 | 5                  | Agree                                                                                                                                                                                                  | 63 | 32.8% |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                         | 29 | 15.1% |

#### a4traits\_5

|                                 |                    | Value                                                                                                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 937                                                                                                                                                                                                                                               |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-<br>If a citizen is dissatisfied with the policies of government, he or she has a duty to do something about it. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                                                                                                   |       |         |
| N                               | Valid              | 168                                                                                                                                                                                                                                               |       |         |
|                                 | Missing            | 24                                                                                                                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 4.58                                                                                                                                                                                                                                              |       |         |
|                                 | Standard Deviation | .879                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 5.00                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                                                                 | 0     | 0.0%    |
|                                 | 2                  | Disagree                                                                                                                                                                                                                                          | 3     | 1.6%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                                                                 | 11    | 5.7%    |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                                                                    | 64    | 33.3%   |

|  |   |                |    |       |
|--|---|----------------|----|-------|
|  | 5 | Agree          | 66 | 34.4% |
|  | 6 | Strongly Agree | 24 | 12.5% |

#### a4traits\_6

|                                 |                    | Value                                                                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 938                                                                                                                                                                                         |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I follow social issues because I want to learn new things. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                                                                             |       |         |
| N                               | Valid              | 168                                                                                                                                                                                         |       |         |
|                                 | Missing            | 24                                                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 4.20                                                                                                                                                                                        |       |         |
|                                 | Standard Deviation | 1.092                                                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                        |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                           | 3     | 1.6%    |
|                                 | 2                  | Disagree                                                                                                                                                                                    | 10    | 5.2%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                           | 20    | 10.4%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                              | 70    | 36.5%   |
|                                 | 5                  | Agree                                                                                                                                                                                       | 47    | 24.5%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                              | 18    | 9.4%    |

#### a4traits\_7

|                                 |                    | Value                                                                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 939                                                                                                                                                                                             |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I follow social issues because that's what I'm expected to do. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                                                                 |       |         |
| N                               | Valid              | 168                                                                                                                                                                                             |       |         |
|                                 | Missing            | 24                                                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.39                                                                                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.132                                                                                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                            |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 50 | 3.00              |    |       |
|                | Percentile 75 | 4.00              |    |       |
| Labeled Values | 1             | Strongly Disagree | 6  | 3.1%  |
|                | 2             | Disagree          | 35 | 18.2% |
|                | 3             | Slightly Disagree | 45 | 23.4% |
|                | 4             | Slightly Agree    | 56 | 29.2% |
|                | 5             | Agree             | 22 | 11.5% |
|                | 6             | Strongly Agree    | 4  | 2.1%  |

#### a4traits\_8

|                                 |                    | Value                                                                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 940                                                                                                                                                                                         |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I follow social issues because it bothers me when I don't. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                                                                             |       |         |
| N                               | Valid              | 168                                                                                                                                                                                         |       |         |
|                                 | Missing            | 24                                                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.50                                                                                                                                                                                        |       |         |
|                                 | Standard Deviation | 1.194                                                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                           | 8     | 4.2%    |
|                                 | 2                  | Disagree                                                                                                                                                                                    | 30    | 15.6%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                           | 40    | 20.8%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                              | 54    | 28.1%   |
|                                 | 5                  | Agree                                                                                                                                                                                       | 32    | 16.7%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                              | 4     | 2.1%    |

#### a4traits\_9

|                     |             | Value                                                                                                                                                                               | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 941                                                                                                                                                                                 |       |         |
|                     | Label       | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-Being socially conscious is important to who I am. |       |         |
|                     | Type        | Numeric                                                                                                                                                                             |       |         |
|                     | Format      | F8                                                                                                                                                                                  |       |         |
|                     | Measurement | Scale                                                                                                                                                                               |       |         |
|                     |             |                                                                                                                                                                                     |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
| N                               | Valid              | 168               |    |       |
|                                 | Missing            | 24                |    |       |
| Central Tendency and Dispersion | Mean               | 3.99              |    |       |
|                                 | Standard Deviation | 1.058             |    |       |
|                                 | Percentile 25      | 3.00              |    |       |
|                                 | Percentile 50      | 4.00              |    |       |
|                                 | Percentile 75      | 5.00              |    |       |
| Labeled Values                  | 1                  | Strongly Disagree | 2  | 1.0%  |
|                                 | 2                  | Disagree          | 11 | 5.7%  |
|                                 | 3                  | Slightly Disagree | 38 | 19.8% |
|                                 | 4                  | Slightly Agree    | 63 | 32.8% |
|                                 | 5                  | Agree             | 43 | 22.4% |
|                                 | 6                  | Strongly Agree    | 11 | 5.7%  |

#### a4traits\_10

|                                 |                    | Value                                                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 942                                                                                                                                                                                              |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about C.... :<br>Extent of Agreement-I follow social issues because that's what I'm supposed to do. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                                                  |       |         |
| N                               | Valid              | 168                                                                                                                                                                                              |       |         |
|                                 | Missing            | 24                                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.31                                                                                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.105                                                                                                                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                | 8     | 4.2%    |
|                                 | 2                  | Disagree                                                                                                                                                                                         | 36    | 18.8%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                | 42    | 21.9%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                   | 62    | 32.3%   |
|                                 | 5                  | Agree                                                                                                                                                                                            | 18    | 9.4%    |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                   | 2     | 1.0%    |

#### a4traits\_11

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 943   |       |         |

|                                 |                    |                                                                                                                                                                                                          |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I follow social issues because I will feel bad about myself if I don't. |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                  |    |       |
|                                 | Format             | F8                                                                                                                                                                                                       |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                    |    |       |
| N                               | Valid              | 168                                                                                                                                                                                                      |    |       |
|                                 | Missing            | 24                                                                                                                                                                                                       |    |       |
| Central Tendency and Dispersion | Mean               | 3.08                                                                                                                                                                                                     |    |       |
|                                 | Standard Deviation | 1.171                                                                                                                                                                                                    |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                     |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                     |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                     |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                        | 10 | 5.2%  |
|                                 | 2                  | Disagree                                                                                                                                                                                                 | 53 | 27.6% |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                        | 40 | 20.8% |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                           | 46 | 24.0% |
|                                 | 5                  | Agree                                                                                                                                                                                                    | 16 | 8.3%  |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                           | 3  | 1.6%  |

#### a4traits\_12

|                                 |                    | Value                                                                                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 944                                                                                                                                                                                     |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I follow social issues because I think it's important. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                                                                         |       |         |
| N                               | Valid              | 168                                                                                                                                                                                     |       |         |
|                                 | Missing            | 24                                                                                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 4.30                                                                                                                                                                                    |       |         |
|                                 | Standard Deviation | 1.036                                                                                                                                                                                   |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                    |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                       | 3     | 1.6%    |
|                                 | 2                  | Disagree                                                                                                                                                                                | 5     | 2.6%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                       | 18    | 9.4%    |
|                                 | 4                  | Slightly Agree                                                                                                                                                                          | 76    | 39.6%   |
|                                 | 5                  | Agree                                                                                                                                                                                   | 45    | 23.4%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                          | 21    | 10.9%   |

### a4traits\_13

|                                 |                    | Value                                                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 945                                                                                                                                                                                           |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I consider myself well-qualified to participate in politics. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                                                                               |       |         |
| N                               | Valid              | 168                                                                                                                                                                                           |       |         |
|                                 | Missing            | 24                                                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.52                                                                                                                                                                                          |       |         |
|                                 | Standard Deviation | 1.257                                                                                                                                                                                         |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                             | 11    | 5.7%    |
|                                 | 2                  | Disagree                                                                                                                                                                                      | 27    | 14.1%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                             | 36    | 18.8%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                | 61    | 31.8%   |
|                                 | 5                  | Agree                                                                                                                                                                                         | 24    | 12.5%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                | 9     | 4.7%    |

### a4traits\_14

|                                 |                    | Value                                                                                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 946                                                                                                                                                                                                |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-People like me don't have any say about what the government does. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                                                                                    |       |         |
| N                               | Valid              | 168                                                                                                                                                                                                |       |         |
|                                 | Missing            | 24                                                                                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.18                                                                                                                                                                                               |       |         |
|                                 | Standard Deviation | 1.232                                                                                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                               |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 75 | 4.00              |    |       |
| Labeled Values | 1             | Strongly Disagree | 19 | 9.9%  |
|                | 2             | Disagree          | 27 | 14.1% |
|                | 3             | Slightly Disagree | 51 | 26.6% |
|                | 4             | Slightly Agree    | 51 | 26.6% |
|                | 5             | Agree             | 15 | 7.8%  |
|                | 6             | Strongly Agree    | 5  | 2.6%  |

#### a4traits\_15

|                                 |                    | Value                                                                                                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 947                                                                                                                                                                                                                                                   |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-Sometimes politics and government seem so complicated that a person like me can't really understand what's going on. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                                                                                                       |       |         |
| N                               | Valid              | 168                                                                                                                                                                                                                                                   |       |         |
|                                 | Missing            | 24                                                                                                                                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 3.40                                                                                                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.300                                                                                                                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                                                                     | 13    | 6.8%    |
|                                 | 2                  | Disagree                                                                                                                                                                                                                                              | 36    | 18.8%   |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                                                                     | 29    | 15.1%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                                                                        | 58    | 30.2%   |
|                                 | 5                  | Agree                                                                                                                                                                                                                                                 | 25    | 13.0%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                                                                        | 7     | 3.6%    |

#### a4traits\_16

|                     |          | Value                                                                                                                                                                                                       | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 948                                                                                                                                                                                                         |       |         |
|                     | Label    | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I think that I am better informed about social issues than other students. |       |         |
|                     | Type     | Numeric                                                                                                                                                                                                     |       |         |
|                     | Format   | F8                                                                                                                                                                                                          |       |         |
|                     |          |                                                                                                                                                                                                             |       |         |

|                                 |                    |                   |    |       |
|---------------------------------|--------------------|-------------------|----|-------|
|                                 | Measurement        | Scale             |    |       |
| N                               | Valid              | 168               |    |       |
|                                 | Missing            | 24                |    |       |
| Central Tendency and Dispersion | Mean               | 3.78              |    |       |
|                                 | Standard Deviation | 1.113             |    |       |
|                                 | Percentile 25      | 3.00              |    |       |
|                                 | Percentile 50      | 4.00              |    |       |
|                                 | Percentile 75      | 4.00              |    |       |
| Labeled Values                  | 1                  | Strongly Disagree | 3  | 1.6%  |
|                                 | 2                  | Disagree          | 19 | 9.9%  |
|                                 | 3                  | Slightly Disagree | 38 | 19.8% |
|                                 | 4                  | Slightly Agree    | 73 | 38.0% |
|                                 | 5                  | Agree             | 22 | 11.5% |
|                                 | 6                  | Strongly Agree    | 13 | 6.8%  |

#### a4traits\_17

|                                 |                    | Value                                                                                                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 949                                                                                                                                                                                                                  |       |         |
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I feel I have a pretty good understanding of current social issues facing my world. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                |       |         |
| N                               | Valid              | 168                                                                                                                                                                                                                  |       |         |
|                                 | Missing            | 24                                                                                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.89                                                                                                                                                                                                                 |       |         |
|                                 | Standard Deviation | 1.145                                                                                                                                                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                 |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                                    | 3     | 1.6%    |
|                                 | 2                  | Disagree                                                                                                                                                                                                             | 19    | 9.9%    |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                                    | 34    | 17.7%   |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                                       | 61    | 31.8%   |
|                                 | 5                  | Agree                                                                                                                                                                                                                | 40    | 20.8%   |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                                       | 11    | 5.7%    |

#### a4traits\_18

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 950   |       |         |

|                                 |                    |                                                                                                                                                                                                      |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | Finally, on this last page, please complete the following questions about your general views about c... :<br>Extent of Agreement-I consider myself well qualified to provide input on social issues. |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                              |    |       |
|                                 | Format             | F8                                                                                                                                                                                                   |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                |    |       |
| N                               | Valid              | 168                                                                                                                                                                                                  |    |       |
|                                 | Missing            | 24                                                                                                                                                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.77                                                                                                                                                                                                 |    |       |
|                                 | Standard Deviation | 1.104                                                                                                                                                                                                |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                 |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                 |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                 |    |       |
| Labeled Values                  | 1                  | Strongly Disagree                                                                                                                                                                                    | 3  | 1.6%  |
|                                 | 2                  | Disagree                                                                                                                                                                                             | 21 | 10.9% |
|                                 | 3                  | Slightly Disagree                                                                                                                                                                                    | 36 | 18.8% |
|                                 | 4                  | Slightly Agree                                                                                                                                                                                       | 67 | 34.9% |
|                                 | 5                  | Agree                                                                                                                                                                                                | 33 | 17.2% |
|                                 | 6                  | Strongly Agree                                                                                                                                                                                       | 8  | 4.2%  |

#### a4intrloc

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 951                                                                                                     |       |         |
|                                 | Label              | Thinking about your local community, how interested are you in local community politics and local co... |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 168                                                                                                     |       |         |
|                                 | Missing            | 24                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 5.89                                                                                                    |       |         |
|                                 | Standard Deviation | 3.182                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                    |       |         |
|                                 | Percentile 50      | 8.00                                                                                                    |       |         |
|                                 | Percentile 75      | 8.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not Interested 0                                                                                        | 10    | 5.2%    |
|                                 | 2                  | 4                                                                                                       | 35    | 18.2%   |
|                                 | 3                  | 5                                                                                                       | 22    | 11.5%   |
|                                 | 4                  | Extremely Interested 6                                                                                  | 4     | 2.1%    |
|                                 | 8                  | Moderately Interested 3                                                                                 | 59    | 30.7%   |
|                                 | 9                  | 2                                                                                                       | 25    | 13.0%   |
|                                 | 10                 | 1                                                                                                       | 13    | 6.8%    |
|                                 |                    |                                                                                                         |       |         |

**a4intrnat**

|                                 |                    | Value                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 952                                                               |       |         |
|                                 | Label              | How interested are you in national politics and national affairs? |       |         |
|                                 | Type               | Numeric                                                           |       |         |
|                                 | Format             | F8                                                                |       |         |
|                                 | Measurement        | Scale                                                             |       |         |
| N                               | Valid              | 168                                                               |       |         |
|                                 | Missing            | 24                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 4.83                                                              |       |         |
|                                 | Standard Deviation | 3.062                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                              |       |         |
|                                 | Percentile 75      | 8.00                                                              |       |         |
| Labeled Values                  | 1                  | Not Interested 0                                                  | 5     | 2.6%    |
|                                 | 2                  | 4                                                                 | 54    | 28.1%   |
|                                 | 3                  | 5                                                                 | 33    | 17.2%   |
|                                 | 4                  | Extremely Interested 6                                            | 11    | 5.7%    |
|                                 | 8                  | Moderately Interested 3                                           | 41    | 21.4%   |
|                                 | 9                  | 2                                                                 | 12    | 6.3%    |
|                                 | 10                 | 1                                                                 | 12    | 6.3%    |

**a4futinput**

|                                 |                    | Value                                                                                                  | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 953                                                                                                    |       |         |
|                                 | Label              | How interested would you be in participating in future activities like this one, where you have the... |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
| N                               | Valid              | 168                                                                                                    |       |         |
|                                 | Missing            | 24                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 5.73                                                                                                   |       |         |
|                                 | Standard Deviation | 3.381                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                   |       |         |
|                                 | Percentile 50      | 8.00                                                                                                   |       |         |
|                                 | Percentile 75      | 9.00                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not Interested 0                                                                                       | 18    | 9.4%    |
|                                 | 2                  | 4                                                                                                      | 35    | 18.2%   |
|                                 | 3                  | 5                                                                                                      | 16    | 8.3%    |
|                                 | 4                  | Extremely Interested 6                                                                                 | 8     | 4.2%    |
|                                 | 8                  | Moderately Interested 3                                                                                | 42    | 21.9%   |
|                                 | 9                  | 2                                                                                                      | 31    | 16.1%   |
|                                 |                    |                                                                                                        |       |         |

|  |    |   |    |      |
|--|----|---|----|------|
|  | 10 | 1 | 18 | 9.4% |
|--|----|---|----|------|

### Q263\_1

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 954                |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 29.5512            |
|                                 | Standard Deviation | 106.75419          |
|                                 | Percentile 25      | 6.4205             |
|                                 | Percentile 50      | 10.5905            |
|                                 | Percentile 75      | 15.4485            |

### Q263\_2

| Value                           |                    |                   |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 955               |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 168               |
|                                 | Missing            | 24                |
| Central Tendency and Dispersion | Mean               | 134.1837          |
|                                 | Standard Deviation | 161.21403         |
|                                 | Percentile 25      | 78.5560           |
|                                 | Percentile 50      | 101.2270          |
|                                 | Percentile 75      | 139.0680          |

### Q263\_3

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 956                |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 135.7744           |
|                                 | Standard Deviation | 161.34886          |
|                                 | Percentile 25      | 79.7535            |
|                                 | Percentile 50      | 102.8335           |
|                                 | Percentile 75      | 140.3285           |

### Q263\_4

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 957                |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 168                |
|                                 | Missing            | 24                 |
| Central Tendency and Dispersion | Mean               | 25.2083            |
|                                 | Standard Deviation | 4.30131            |
|                                 | Percentile 25      | 22.0000            |
|                                 | Percentile 50      | 24.0000            |

|               |         |
|---------------|---------|
| Percentile 75 | 27.0000 |
|---------------|---------|

### consentpj

|                                 |                    | Value                                                                                                                 |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 958                                                                                                                   |
|                                 | Label              | Consent - revisited<br>Below is the official<br>consent form, the<br>same consent form<br>that you saw at the<br>b... |
|                                 | Type               | Numeric                                                                                                               |
|                                 | Format             | F8                                                                                                                    |
|                                 | Measurement        | Scale                                                                                                                 |
| N                               | Valid              | 73                                                                                                                    |
|                                 | Missing            | 119                                                                                                                   |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                  |
|                                 | Standard Deviation | .000                                                                                                                  |
|                                 | Percentile 25      | 1.00                                                                                                                  |
|                                 | Percentile 50      | 1.00                                                                                                                  |
|                                 | Percentile 75      | 1.00                                                                                                                  |

### consentrc

|                                 |                    | Value                                                                                                            |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 959                                                                                                              |
|                                 | Label              | Consent - revisited<br>Below is the official<br>consent form, the<br>same consent form<br>that you saw at the... |
|                                 | Type               | Numeric                                                                                                          |
|                                 | Format             | F8                                                                                                               |
|                                 | Measurement        | Scale                                                                                                            |
| N                               | Valid              | 95                                                                                                               |
|                                 | Missing            | 97                                                                                                               |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                             |
|                                 | Standard Deviation | .000                                                                                                             |
|                                 | Percentile 25      | 1.00                                                                                                             |
|                                 | Percentile 50      | 1.00                                                                                                             |
|                                 | Percentile 75      | 1.00                                                                                                             |

### a4consent

|                                 |                    | Value                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 960                                                                                                                   |       |         |
|                                 | Label              | Do you consent to<br>participate in the<br>research by allowing<br>us to use your<br>coursework-related<br>data as... |       |         |
|                                 | Type               | Numeric                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                 |       |         |
| N                               | Valid              | 168                                                                                                                   |       |         |
|                                 | Missing            | 24                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                                  |       |         |
|                                 | Standard Deviation | .000                                                                                                                  |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                  |       |         |

|                |               |      |     |       |
|----------------|---------------|------|-----|-------|
|                | Percentile 50 | 1.00 |     |       |
|                | Percentile 75 | 1.00 |     |       |
| Labeled Values | 1             | Yes  | 168 | 87.5% |
|                | 2             | No   | 0   | 0.0%  |

#### a4dataqual

|                                 |                    | Value                                                                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 961                                                                                                      |       |         |
|                                 | Label              | Did you give your honest answers in this assignment? (You will not be penalized for your answer. Dr....  |       |         |
|                                 | Type               | Numeric                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                    |       |         |
|                                 |                    |                                                                                                          |       |         |
| N                               | Valid              | 168                                                                                                      |       |         |
|                                 | Missing            | 24                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.15                                                                                                     |       |         |
|                                 | Standard Deviation | .565                                                                                                     |       |         |
|                                 | Percentile 25      | 1.00                                                                                                     |       |         |
|                                 | Percentile 50      | 1.00                                                                                                     |       |         |
|                                 | Percentile 75      | 1.00                                                                                                     |       |         |
| Labeled Values                  | 1                  | Yes, my answers reflect my honest answers to the questions in the assignment                             | 154   | 80.2%   |
|                                 | 2                  | No, I answered the questions randomly                                                                    | 8     | 4.2%    |
|                                 | 3                  | No, I felt like I should answer in a certain way, so I gave those answers instead of my honest responses | 1     | 0.5%    |
|                                 | 4                  | Other (Please explain)                                                                                   | 5     | 2.6%    |
|                                 |                    |                                                                                                          |       |         |

#### a4dataqual\_TEXT

|                     |                                                                                                                       | Value                                                                                                         | Count | Percent |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position                                                                                                              | 962                                                                                                           |       |         |
|                     | Label                                                                                                                 | Did you give your honest answers in this assignment? (You will not be penalized for your answer. Dr.....-TEXT |       |         |
|                     | Type                                                                                                                  | String                                                                                                        |       |         |
|                     | Format                                                                                                                | A18000                                                                                                        |       |         |
|                     | Measurement                                                                                                           | Nominal                                                                                                       |       |         |
|                     |                                                                                                                       |                                                                                                               |       |         |
| Valid Values        |                                                                                                                       |                                                                                                               | 187   | 97.4%   |
|                     | All of my answers were honest. But many of my answers were very neutral because I did not know enough about the topic |                                                                                                               | 1     | 0.5%    |

|  |                                                                                                         |  |   |      |
|--|---------------------------------------------------------------------------------------------------------|--|---|------|
|  | Beginning questions reflect honest opinion, end answers where they are all the same could but might not |  | 1 | 0.5% |
|  | Most I answered truthfully but some I wasnt sure what to put to it was random                           |  | 1 | 0.5% |
|  | some i bullshitted before but after reci and the last assignment i read it                              |  | 1 | 0.5% |
|  | Sometimes I answered randomly because the assignment seemed repetitive and too long.                    |  | 1 | 0.5% |
|  |                                                                                                         |  |   |      |

#### a5\_it

|                     |             | Value                         | Count | Percent |
|---------------------|-------------|-------------------------------|-------|---------|
| Standard Attributes | Position    | 963                           |       |         |
|                     | Label       | condition during assignment 5 |       |         |
|                     | Type        | Numeric                       |       |         |
|                     | Format      | F8.2                          |       |         |
|                     | Measurement | Nominal                       |       |         |
| Valid Values        | 2.00        | critical thinking             | 0     | 0.0%    |
|                     | 3.00        | information organization      | 0     | 0.0%    |
| Missing Values      | System      |                               | 192   | 100.0%  |

#### a5\_rec1

|                     |             | Value                                                                                                                                       | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 964                                                                                                                                         |       |         |
|                     | Label       | Please indicate which Bio 102 recitation you are enrolled in (see list at the bottom of the page if...- Recitation section number (151-157) |       |         |
|                     | Type        | Numeric                                                                                                                                     |       |         |
|                     | Format      | F3                                                                                                                                          |       |         |
|                     | Measurement | Nominal                                                                                                                                     |       |         |
|                     |             |                                                                                                                                             |       |         |
| Valid Values        | 151         |                                                                                                                                             | 20    | 10.4%   |
|                     | 152         |                                                                                                                                             | 19    | 9.9%    |
|                     | 153         |                                                                                                                                             | 19    | 9.9%    |
|                     | 154         |                                                                                                                                             | 25    | 13.0%   |
|                     | 155         |                                                                                                                                             | 19    | 9.9%    |
|                     | 156         |                                                                                                                                             | 16    | 8.3%    |
|                     | 157         |                                                                                                                                             | 21    | 10.9%   |
| Missing Values      | System      |                                                                                                                                             | 53    | 27.6%   |

#### a5\_reciinstr\_anon

|                     |          | Value                                        | Count | Percent |
|---------------------|----------|----------------------------------------------|-------|---------|
| Standard Attributes | Position | 965                                          |       |         |
|                     | Label    | recitation instructor number instead of name |       |         |

|                |             |         |    |       |
|----------------|-------------|---------|----|-------|
|                | Type        | Numeric |    |       |
|                | Format      | F8.2    |    |       |
|                | Measurement | Nominal |    |       |
| Valid Values   | 1.00        |         | 40 | 20.8% |
|                | 2.00        |         | 19 | 9.9%  |
|                | 3.00        |         | 43 | 22.4% |
|                | 4.00        |         | 16 | 8.3%  |
|                | 5.00        |         | 20 | 10.4% |
| Missing Values | -99.00      |         | 54 | 28.1% |

#### a5ffmtrait\_4

|                                 |                    | Value                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 966                                                                                                                         |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Often feel blue. |       |         |
|                                 | Type               | Numeric                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                       |       |         |
|                                 |                    |                                                                                                                             |       |         |
| N                               | Valid              | 139                                                                                                                         |       |         |
|                                 | Missing            | 53                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.27                                                                                                                        |       |         |
|                                 | Standard Deviation | .991                                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                        |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                             | 32    | 16.7%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                       | 57    | 29.7%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                             | 32    | 16.7%   |
|                                 | 4                  | Moderately Accurate                                                                                                         | 16    | 8.3%    |
|                                 | 5                  | Very Accurate                                                                                                               | 2     | 1.0%    |

#### a5ffmtrait\_5

|                     |          | Value                                                                                                                      | Count | Percent |
|---------------------|----------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 967                                                                                                                        |       |         |
|                     | Label    | About You<br><br>People differ in the types of activities they like. The following questions will help...- Dislike myself. |       |         |
|                     | Type     | Numeric                                                                                                                    |       |         |
|                     | Format   | F8                                                                                                                         |       |         |
|                     |          |                                                                                                                            |       |         |

|                                 |                    |                                 |    |       |
|---------------------------------|--------------------|---------------------------------|----|-------|
|                                 | Measurement        | Scale                           |    |       |
| N                               | Valid              | 139                             |    |       |
|                                 | Missing            | 53                              |    |       |
| Central Tendency and Dispersion | Mean               | 1.81                            |    |       |
|                                 | Standard Deviation | .859                            |    |       |
|                                 | Percentile 25      | 1.00                            |    |       |
|                                 | Percentile 50      | 2.00                            |    |       |
|                                 | Percentile 75      | 2.00                            |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                 | 62 | 32.3% |
|                                 | 2                  | Moderately Inaccurate           | 47 | 24.5% |
|                                 | 3                  | Neither Accurate nor Inaccurate | 25 | 13.0% |
|                                 | 4                  | Moderately Accurate             | 5  | 2.6%  |
|                                 | 5                  | Very Accurate                   | 0  | 0.0%  |

#### a5ffmtrait\_6

|                                 |                    | Value                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 968                                                                                                                                |       |         |
|                                 | Label              | About You<br>People differ in the types of activities they like. The following questions will help...- Am often down in the dumps. |       |         |
|                                 | Type               | Numeric                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                    |       |         |
| N                               | Valid              | 139                                                                                                                                |       |         |
|                                 | Missing            | 53                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.02                                                                                                                               |       |         |
|                                 | Standard Deviation | .913                                                                                                                               |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                               |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                               |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                               |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                    | 45    | 23.4%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                              | 57    | 29.7%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                    | 26    | 13.5%   |
|                                 | 4                  | Moderately Accurate                                                                                                                | 11    | 5.7%    |
|                                 | 5                  | Very Accurate                                                                                                                      | 0     | 0.0%    |

#### a5ffmtrait\_7

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 969   |       |         |

|                                 |                    |                                                                                                                                       |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Have frequent mood swings. |    |       |
|                                 | Type               | Numeric                                                                                                                               |    |       |
|                                 | Format             | F8                                                                                                                                    |    |       |
|                                 | Measurement        | Scale                                                                                                                                 |    |       |
| N                               | Valid              | 139                                                                                                                                   |    |       |
|                                 | Missing            | 53                                                                                                                                    |    |       |
| Central Tendency and Dispersion | Mean               | 2.29                                                                                                                                  |    |       |
|                                 | Standard Deviation | 1.065                                                                                                                                 |    |       |
|                                 | Percentile 25      | 1.00                                                                                                                                  |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                  |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                                  |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                       | 36 | 18.8% |
|                                 | 2                  | Moderately Inaccurate                                                                                                                 | 51 | 26.6% |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                       | 32 | 16.7% |
|                                 | 4                  | Moderately Accurate                                                                                                                   | 16 | 8.3%  |
|                                 | 5                  | Very Accurate                                                                                                                         | 4  | 2.1%  |

#### a5ffmtrait\_8

|                                 |                    | Value                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 970                                                                                                                      |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Panic easily. |       |         |
|                                 | Type               | Numeric                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                    |       |         |
|                                 |                    |                                                                                                                          |       |         |
| N                               | Valid              | 139                                                                                                                      |       |         |
|                                 | Missing            | 53                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.55                                                                                                                     |       |         |
|                                 | Standard Deviation | 1.111                                                                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                     |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                     |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                          | 22    | 11.5%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                    | 55    | 28.6%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                          | 34    | 17.7%   |
|                                 | 4                  | Moderately Accurate                                                                                                      | 19    | 9.9%    |
|                                 | 5                  | Very Accurate                                                                                                            | 9     | 4.7%    |

### a5ffmtrait\_9

|                                 |                    | Value                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 971                                                                                                                              |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Rarely get irritated. |       |         |
|                                 | Type               | Numeric                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                  |       |         |
| N                               | Valid              | 139                                                                                                                              |       |         |
|                                 | Missing            | 53                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.08                                                                                                                             |       |         |
|                                 | Standard Deviation | .978                                                                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                  | 2     | 1.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                            | 45    | 23.4%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                  | 42    | 21.9%   |
|                                 | 4                  | Moderately Accurate                                                                                                              | 40    | 20.8%   |
|                                 | 5                  | Very Accurate                                                                                                                    | 10    | 5.2%    |

### a5ffmtrait\_10

|                                 |                    | Value                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 972                                                                                                                          |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Seldom feel blue. |       |         |
|                                 | Type               | Numeric                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                        |       |         |
|                                 |                    |                                                                                                                              |       |         |
| N                               | Valid              | 139                                                                                                                          |       |         |
|                                 | Missing            | 53                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                                                                                                         |       |         |
|                                 | Standard Deviation | 1.040                                                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                              | 7     | 3.6%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                        | 25    | 13.0%   |

|  |   |                                 |    |       |
|--|---|---------------------------------|----|-------|
|  | 3 | Neither Accurate nor Inaccurate | 40 | 20.8% |
|  | 4 | Moderately Accurate             | 53 | 27.6% |
|  | 5 | Very Accurate                   | 14 | 7.3%  |
|  |   |                                 |    |       |

#### a5ffmtrait\_11

|                                 |                    | Value                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 973                                                                                                                                      |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Feel comfortable with myself. |       |         |
|                                 | Type               | Numeric                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                    |       |         |
|                                 |                    |                                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                          |       |         |
| N                               | Valid              | 139                                                                                                                                      |       |         |
|                                 | Missing            | 53                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 4.02                                                                                                                                     |       |         |
|                                 | Standard Deviation | .737                                                                                                                                     |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                     |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                          | 0     | 0.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                    | 7     | 3.6%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                          | 15    | 7.8%    |
|                                 | 4                  | Moderately Accurate                                                                                                                      | 85    | 44.3%   |
|                                 | 5                  | Very Accurate                                                                                                                            | 32    | 16.7%   |

#### a5ffmtrait\_12

|                                 |                    | Value                                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 974                                                                                                                                          |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Am not easily bothered by things. |       |         |
|                                 | Type               | Numeric                                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                                        |       |         |
|                                 |                    |                                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                              |       |         |
| N                               | Valid              | 139                                                                                                                                          |       |         |
|                                 | Missing            | 53                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.19                                                                                                                                         |       |         |
|                                 | Standard Deviation | 1.047                                                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                         |       |         |

|                |               |                                 |    |       |
|----------------|---------------|---------------------------------|----|-------|
|                | Percentile 50 | 3.00                            |    |       |
|                | Percentile 75 | 4.00                            |    |       |
| Labeled Values | 1             | Very Inaccurate                 | 6  | 3.1%  |
|                | 2             | Moderately Inaccurate           | 34 | 17.7% |
|                | 3             | Neither Accurate nor Inaccurate | 40 | 20.8% |
|                | 4             | Moderately Accurate             | 46 | 24.0% |
|                | 5             | Very Accurate                   | 13 | 6.8%  |

#### a5ffmtrait\_13

|                                 |                    | Value                                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 975                                                                                                                                     |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Am very pleased with myself. |       |         |
|                                 | Type               | Numeric                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                   |       |         |
| N                               | Valid              | 139                                                                                                                                     |       |         |
|                                 | Missing            | 53                                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.74                                                                                                                                    |       |         |
|                                 | Standard Deviation | .755                                                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                         | 1     | 0.5%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                   | 7     | 3.6%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                         | 35    | 18.2%   |
|                                 | 4                  | Moderately Accurate                                                                                                                     | 80    | 41.7%   |
|                                 | 5                  | Very Accurate                                                                                                                           | 16    | 8.3%    |

#### a5ffmtrait\_14

|                     |             | Value                                                                                                                                      | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 976                                                                                                                                        |       |         |
|                     | Label       | About You<br><br>People differ in the types of activities they like. The following questions will help...- Feel comfortable around people. |       |         |
|                     | Type        | Numeric                                                                                                                                    |       |         |
|                     | Format      | F8                                                                                                                                         |       |         |
|                     | Measurement | Scale                                                                                                                                      |       |         |
| N                   | Valid       | 139                                                                                                                                        |       |         |

|                                 |                    |                                 |      |       |
|---------------------------------|--------------------|---------------------------------|------|-------|
|                                 | Missing            |                                 | 53   |       |
| Central Tendency and Dispersion | Mean               |                                 | 3.96 |       |
|                                 | Standard Deviation |                                 | .824 |       |
|                                 | Percentile 25      |                                 | 4.00 |       |
|                                 | Percentile 50      |                                 | 4.00 |       |
|                                 | Percentile 75      |                                 | 4.00 |       |
| Labeled Values                  | 1                  | Very Inaccurate                 | 0    | 0.0%  |
|                                 | 2                  | Moderately Inaccurate           | 11   | 5.7%  |
|                                 | 3                  | Neither Accurate nor Inaccurate | 17   | 8.9%  |
|                                 | 4                  | Moderately Accurate             | 78   | 40.6% |
|                                 | 5                  | Very Accurate                   | 33   | 17.2% |

#### a5ffmtrait\_15

|                                 |                    | Value                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 977                                                                                                                             |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Make friends easily. |       |         |
|                                 | Type               | Numeric                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                 |       |         |
| N                               | Valid              | 139                                                                                                                             |       |         |
|                                 | Missing            | 53                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.87                                                                                                                            |       |         |
|                                 | Standard Deviation | .923                                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                            |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                            |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                 | 0     | 0.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                           | 16    | 8.3%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                 | 21    | 10.9%   |
|                                 | 4                  | Moderately Accurate                                                                                                             | 67    | 34.9%   |
|                                 | 5                  | Very Accurate                                                                                                                   | 35    | 18.2%   |

#### a5ffmtrait\_16

|                     |          | Value                                                                                                                                                | Count | Percent |
|---------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 978                                                                                                                                                  |       |         |
|                     | Label    | About You<br><br>People differ in the types of activities they like. The following questions will help...- Am skilled in handling social situations. |       |         |

|                                 |                    |                                 |    |       |
|---------------------------------|--------------------|---------------------------------|----|-------|
|                                 | Type               | Numeric                         |    |       |
|                                 | Format             | F8                              |    |       |
|                                 | Measurement        | Scale                           |    |       |
| N                               | Valid              | 139                             |    |       |
|                                 | Missing            | 53                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.73                            |    |       |
|                                 | Standard Deviation | .804                            |    |       |
|                                 | Percentile 25      | 3.00                            |    |       |
|                                 | Percentile 50      | 4.00                            |    |       |
|                                 | Percentile 75      | 4.00                            |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                 | 1  | 0.5%  |
|                                 | 2                  | Moderately Inaccurate           | 10 | 5.2%  |
|                                 | 3                  | Neither Accurate nor Inaccurate | 32 | 16.7% |
|                                 | 4                  | Moderately Accurate             | 78 | 40.6% |
|                                 | 5                  | Very Accurate                   | 18 | 9.4%  |

#### a5ffmtrait\_17

|                                 |                    | Value                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 979                                                                                                                                  |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Am the life of the party. |       |         |
|                                 | Type               | Numeric                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                |       |         |
|                                 | Valid              | 139                                                                                                                                  |       |         |
|                                 | Missing            | 53                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 2.92                                                                                                                                 |       |         |
|                                 | Standard Deviation | .885                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                      | 7     | 3.6%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                | 37    | 19.3%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                      | 57    | 29.7%   |
|                                 | 4                  | Moderately Accurate                                                                                                                  | 36    | 18.8%   |
|                                 | 5                  | Very Accurate                                                                                                                        | 2     | 1.0%    |

#### a5ffmtrait\_18

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 980   |       |         |

|                                 |                    |                                                                                                                                          |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Know how to captivate people. |    |       |
|                                 | Type               | Numeric                                                                                                                                  |    |       |
|                                 | Format             | F8                                                                                                                                       |    |       |
|                                 | Measurement        | Scale                                                                                                                                    |    |       |
| N                               | Valid              | 139                                                                                                                                      |    |       |
|                                 | Missing            | 53                                                                                                                                       |    |       |
| Central Tendency and Dispersion | Mean               | 3.42                                                                                                                                     |    |       |
|                                 | Standard Deviation | .798                                                                                                                                     |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                     |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                                     |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                     |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                          | 1  | 0.5%  |
|                                 | 2                  | Moderately Inaccurate                                                                                                                    | 17 | 8.9%  |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                          | 50 | 26.0% |
|                                 | 4                  | Moderately Accurate                                                                                                                      | 64 | 33.3% |
|                                 | 5                  | Very Accurate                                                                                                                            | 7  | 3.6%  |

#### a5ffmtrait\_19

|                                 |                    | Value                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 981                                                                                                                            |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Have little to say. |       |         |
|                                 | Type               | Numeric                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                |       |         |
| N                               | Valid              | 139                                                                                                                            |       |         |
|                                 | Missing            | 53                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.50                                                                                                                           |       |         |
|                                 | Standard Deviation | .920                                                                                                                           |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                           |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                | 16    | 8.3%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                          | 61    | 31.8%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                | 41    | 21.4%   |
|                                 | 4                  | Moderately Accurate                                                                                                            | 19    | 9.9%    |
|                                 | 5                  | Very Accurate                                                                                                                  | 2     | 1.0%    |

### a5ffmtrait\_20

|                                 |                    | Value                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 982                                                                                                                                |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Keep in the background. |       |         |
|                                 | Type               | Numeric                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                    |       |         |
| N                               | Valid              | 139                                                                                                                                |       |         |
|                                 | Missing            | 53                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.72                                                                                                                               |       |         |
|                                 | Standard Deviation | .925                                                                                                                               |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                               |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                               |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                    | 9     | 4.7%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                              | 54    | 28.1%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                    | 46    | 24.0%   |
|                                 | 4                  | Moderately Accurate                                                                                                                | 27    | 14.1%   |
|                                 | 5                  | Very Accurate                                                                                                                      | 3     | 1.6%    |

### a5ffmtrait\_21

|                                 |                    | Value                                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 983                                                                                                                                                        |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Would describe my experiences as somewhat dull. |       |         |
|                                 | Type               | Numeric                                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                                            |       |         |
| N                               | Valid              | 139                                                                                                                                                        |       |         |
|                                 | Missing            | 53                                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.10                                                                                                                                                       |       |         |
|                                 | Standard Deviation | .988                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                       |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                       |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                            | 42    | 21.9%   |

|  |   |                                 |    |       |
|--|---|---------------------------------|----|-------|
|  | 2 | Moderately Inaccurate           | 58 | 30.2% |
|  | 3 | Neither Accurate nor Inaccurate | 24 | 12.5% |
|  | 4 | Moderately Accurate             | 13 | 6.8%  |
|  | 5 | Very Accurate                   | 2  | 1.0%  |

#### a5ffmtrait\_22

|                                 |                    | Value                                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 984                                                                                                                                                |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Don't like to draw attention to myself. |       |         |
|                                 | Type               | Numeric                                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                                    |       |         |
| N                               | Valid              | 139                                                                                                                                                |       |         |
|                                 | Missing            | 53                                                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.22                                                                                                                                               |       |         |
|                                 | Standard Deviation | .858                                                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                               |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                    | 1     | 0.5%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                              | 29    | 15.1%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                                    | 55    | 28.6%   |
|                                 | 4                  | Moderately Accurate                                                                                                                                | 47    | 24.5%   |
|                                 | 5                  | Very Accurate                                                                                                                                      | 7     | 3.6%    |

#### a5ffmtrait\_23

|                                 |                    | Value                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 985                                                                                                                          |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Don't talk a lot. |       |         |
|                                 | Type               | Numeric                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                        |       |         |
|                                 |                    |                                                                                                                              |       |         |
| N                               | Valid              | 139                                                                                                                          |       |         |
|                                 | Missing            | 53                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.59                                                                                                                         |       |         |
|                                 | Standard Deviation | 1.013                                                                                                                        |       |         |

|                |               |                                 |    |       |
|----------------|---------------|---------------------------------|----|-------|
|                | Percentile 25 | 2.00                            |    |       |
|                | Percentile 50 | 3.00                            |    |       |
|                | Percentile 75 | 3.00                            |    |       |
| Labeled Values | 1             | Very Inaccurate                 | 21 | 10.9% |
|                | 2             | Moderately Inaccurate           | 46 | 24.0% |
|                | 3             | Neither Accurate nor Inaccurate | 43 | 22.4% |
|                | 4             | Moderately Accurate             | 27 | 14.1% |
|                | 5             | Very Accurate                   | 2  | 1.0%  |

#### a5ffmtrait\_24

|                                 |                    | Value                                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 986                                                                                                                                          |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Believe in the importance of art. |       |         |
|                                 | Type               | Numeric                                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                                        |       |         |
| N                               | Valid              | 139                                                                                                                                          |       |         |
|                                 | Missing            | 53                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.50                                                                                                                                         |       |         |
|                                 | Standard Deviation | 1.079                                                                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                         |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                         |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                              | 7     | 3.6%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                        | 18    | 9.4%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                              | 37    | 19.3%   |
|                                 | 4                  | Moderately Accurate                                                                                                                          | 53    | 27.6%   |
|                                 | 5                  | Very Accurate                                                                                                                                | 24    | 12.5%   |

#### a5ffmtrait\_25

|                     |             | Value                                                                                                                                | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 987                                                                                                                                  |       |         |
|                     | Label       | About You<br><br>People differ in the types of activities they like. The following questions will help...- Have a vivid imagination. |       |         |
|                     | Type        | Numeric                                                                                                                              |       |         |
|                     | Format      | F8                                                                                                                                   |       |         |
|                     | Measurement | Scale                                                                                                                                |       |         |

|                                 |                    |                                 |    |       |
|---------------------------------|--------------------|---------------------------------|----|-------|
| N                               | Valid              | 139                             |    |       |
|                                 | Missing            | 53                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.81                            |    |       |
|                                 | Standard Deviation | .929                            |    |       |
|                                 | Percentile 25      | 3.00                            |    |       |
|                                 | Percentile 50      | 4.00                            |    |       |
|                                 | Percentile 75      | 4.00                            |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                 | 2  | 1.0%  |
|                                 | 2                  | Moderately Inaccurate           | 12 | 6.3%  |
|                                 | 3                  | Neither Accurate nor Inaccurate | 27 | 14.1% |
|                                 | 4                  | Moderately Accurate             | 67 | 34.9% |
|                                 | 5                  | Very Accurate                   | 31 | 16.1% |

### a5ffmtrait\_26

|                                 |                    | Value                                                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 988                                                                                                                                                       |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Tend to vote for liberal political candidates. |       |         |
|                                 | Type               | Numeric                                                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                                                     |       |         |
| N                               | Valid              | 139                                                                                                                                                       |       |         |
|                                 | Missing            | 53                                                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.59                                                                                                                                                      |       |         |
|                                 | Standard Deviation | 1.115                                                                                                                                                     |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                      |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                           | 31    | 16.1%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                                                     | 28    | 14.6%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                                           | 52    | 27.1%   |
|                                 | 4                  | Moderately Accurate                                                                                                                                       | 23    | 12.0%   |
|                                 | 5                  | Very Accurate                                                                                                                                             | 5     | 2.6%    |

### a5ffmtrait\_27

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 989   |       |         |

|                                 |                    |                                                                                                                                                      |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Carry the conversation to a higher level. |    |       |
|                                 | Type               | Numeric                                                                                                                                              |    |       |
|                                 | Format             | F8                                                                                                                                                   |    |       |
|                                 | Measurement        | Scale                                                                                                                                                |    |       |
| N                               | Valid              | 139                                                                                                                                                  |    |       |
|                                 | Missing            | 53                                                                                                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.68                                                                                                                                                 |    |       |
|                                 | Standard Deviation | .801                                                                                                                                                 |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                                 |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                                                 |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                 |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                      | 0  | 0.0%  |
|                                 | 2                  | Moderately Inaccurate                                                                                                                                | 12 | 6.3%  |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                                      | 38 | 19.8% |
|                                 | 4                  | Moderately Accurate                                                                                                                                  | 72 | 37.5% |
|                                 | 5                  | Very Accurate                                                                                                                                        | 17 | 8.9%  |

#### a5ffmtrait\_28

|                                 |                    | Value                                                                                                                               | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 990                                                                                                                                 |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Enjoy hearing new ideas. |       |         |
|                                 | Type               | Numeric                                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                                               |       |         |
|                                 |                    |                                                                                                                                     |       |         |
| N                               | Valid              | 139                                                                                                                                 |       |         |
|                                 | Missing            | 53                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 4.15                                                                                                                                |       |         |
|                                 | Standard Deviation | .647                                                                                                                                |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                     | 0     | 0.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                               | 1     | 0.5%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                     | 17    | 8.9%    |
|                                 | 4                  | Moderately Accurate                                                                                                                 | 81    | 42.2%   |
|                                 | 5                  | Very Accurate                                                                                                                       | 40    | 20.8%   |

**a5ffmtrait\_29**

|                                 |                    | Value                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 991                                                                                                                                             |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Am not interested in abstract ideas. |       |         |
|                                 | Type               | Numeric                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                           |       |         |
| N                               | Valid              | 139                                                                                                                                             |       |         |
|                                 | Missing            | 53                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.37                                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.002                                                                                                                                           |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                            |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                 | 25    | 13.0%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                                           | 61    | 31.8%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                                 | 33    | 17.2%   |
|                                 | 4                  | Moderately Accurate                                                                                                                             | 16    | 8.3%    |
|                                 | 5                  | Very Accurate                                                                                                                                   | 4     | 2.1%    |

**a5ffmtrait\_30**

|                                 |                    | Value                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 992                                                                                                                         |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Do not like art. |       |         |
|                                 | Type               | Numeric                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                       |       |         |
| N                               | Valid              | 139                                                                                                                         |       |         |
|                                 | Missing            | 53                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.27                                                                                                                        |       |         |
|                                 | Standard Deviation | 1.191                                                                                                                       |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                        |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                             | 45    | 23.4%   |

|  |   |                                 |    |       |
|--|---|---------------------------------|----|-------|
|  | 2 | Moderately Inaccurate           | 44 | 22.9% |
|  | 3 | Neither Accurate nor Inaccurate | 23 | 12.0% |
|  | 4 | Moderately Accurate             | 21 | 10.9% |
|  | 5 | Very Accurate                   | 6  | 3.1%  |

### a5ffmtrait\_31

|                                 |                    | Value                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 993                                                                                                                                         |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Avoid philosophical discussions. |       |         |
|                                 | Type               | Numeric                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                             |       |         |
| N                               | Valid              | 139                                                                                                                                         |       |         |
|                                 | Missing            | 53                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.32                                                                                                                                        |       |         |
|                                 | Standard Deviation | .963                                                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                        |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                             | 26    | 13.5%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                                       | 65    | 33.9%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                             | 27    | 14.1%   |
|                                 | 4                  | Moderately Accurate                                                                                                                         | 20    | 10.4%   |
|                                 | 5                  | Very Accurate                                                                                                                               | 1     | 0.5%    |

### a5ffmtrait\_32

|                                 |             | Value                                                                                                                                         | Count | Percent |
|---------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 994                                                                                                                                           |       |         |
|                                 | Label       | About You<br><br>People differ in the types of activities they like. The following questions will help...- Do not enjoy going to art museums. |       |         |
|                                 | Type        | Numeric                                                                                                                                       |       |         |
|                                 | Format      | F8                                                                                                                                            |       |         |
|                                 | Measurement | Scale                                                                                                                                         |       |         |
|                                 |             |                                                                                                                                               |       |         |
| N                               | Valid       | 139                                                                                                                                           |       |         |
|                                 | Missing     | 53                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean        | 2.76                                                                                                                                          |       |         |

|                |                    |                                 |    |       |
|----------------|--------------------|---------------------------------|----|-------|
|                | Standard Deviation | 1.197                           |    |       |
|                | Percentile 25      | 2.00                            |    |       |
|                | Percentile 50      | 3.00                            |    |       |
|                | Percentile 75      | 4.00                            |    |       |
| Labeled Values | 1                  | Very Inaccurate                 | 20 | 10.4% |
|                | 2                  | Moderately Inaccurate           | 49 | 25.5% |
|                | 3                  | Neither Accurate nor Inaccurate | 26 | 13.5% |
|                | 4                  | Moderately Accurate             | 33 | 17.2% |
|                | 5                  | Very Accurate                   | 11 | 5.7%  |

#### a5ffmtrait\_33

|                                 |                    | Value                                                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 995                                                                                                                                                            |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Tend to vote for conservative political candidates. |       |         |
|                                 | Type               | Numeric                                                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                                                |       |         |
| N                               | Valid              | 139                                                                                                                                                            |       |         |
|                                 | Missing            | 53                                                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.17                                                                                                                                                           |       |         |
|                                 | Standard Deviation | 1.239                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                                | 18    | 9.4%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                                          | 20    | 10.4%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                                                | 43    | 22.4%   |
|                                 | 4                  | Moderately Accurate                                                                                                                                            | 36    | 18.8%   |
|                                 | 5                  | Very Accurate                                                                                                                                                  | 22    | 11.5%   |

#### a5ffmtrait\_34

|                     |          | Value                                                                                                                                     | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 996                                                                                                                                       |       |         |
|                     | Label    | About You<br><br>People differ in the types of activities they like. The following questions will help...- Have a good word for everyone. |       |         |
|                     | Type     | Numeric                                                                                                                                   |       |         |
|                     |          |                                                                                                                                           |       |         |

|                                 |                    |                                 |    |       |
|---------------------------------|--------------------|---------------------------------|----|-------|
|                                 | Format             | F8                              |    |       |
|                                 | Measurement        | Scale                           |    |       |
| N                               | Valid              | 139                             |    |       |
|                                 | Missing            | 53                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.76                            |    |       |
|                                 | Standard Deviation | .786                            |    |       |
|                                 | Percentile 25      | 3.00                            |    |       |
|                                 | Percentile 50      | 4.00                            |    |       |
|                                 | Percentile 75      | 4.00                            |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                 | 2  | 1.0%  |
|                                 | 2                  | Moderately Inaccurate           | 6  | 3.1%  |
|                                 | 3                  | Neither Accurate nor Inaccurate | 33 | 17.2% |
|                                 | 4                  | Moderately Accurate             | 80 | 41.7% |
|                                 | 5                  | Very Accurate                   | 18 | 9.4%  |

#### a5ffmtrait\_35

|                                 |                    | Value                                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 997                                                                                                                                                  |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Believe that others have good intentions. |       |         |
|                                 | Type               | Numeric                                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                                      |       |         |
| N                               | Valid              | 139                                                                                                                                                  |       |         |
|                                 | Missing            | 53                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.65                                                                                                                                                 |       |         |
|                                 | Standard Deviation | .806                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                      | 1     | 0.5%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                                | 12    | 6.3%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                                      | 36    | 18.8%   |
|                                 | 4                  | Moderately Accurate                                                                                                                                  | 76    | 39.6%   |
|                                 | 5                  | Very Accurate                                                                                                                                        | 14    | 7.3%    |

#### a5ffmtrait\_36

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 998   |       |         |

|                                 |                    |                                                                                                           |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | About You                                                                                                 |    |       |
|                                 |                    | People differ in the types of activities they like. The following questions will help...- Respect others. |    |       |
|                                 | Type               | Numeric                                                                                                   |    |       |
|                                 | Format             | F8                                                                                                        |    |       |
| N                               | Valid              | 139                                                                                                       |    |       |
|                                 | Missing            | 53                                                                                                        |    |       |
| Central Tendency and Dispersion | Mean               | 4.43                                                                                                      |    |       |
|                                 | Standard Deviation | .692                                                                                                      |    |       |
|                                 | Percentile 25      | 4.00                                                                                                      |    |       |
|                                 | Percentile 50      | 5.00                                                                                                      |    |       |
|                                 | Percentile 75      | 5.00                                                                                                      |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                           | 1  | 0.5%  |
|                                 | 2                  | Moderately Inaccurate                                                                                     | 1  | 0.5%  |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                           | 7  | 3.6%  |
|                                 | 4                  | Moderately Accurate                                                                                       | 58 | 30.2% |
|                                 | 5                  | Very Accurate                                                                                             | 72 | 37.5% |

#### a5ffmtrait\_37

|                                 |                    | Value                                                                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 999                                                                                                                  |       |         |
|                                 | Label              | About You                                                                                                            |       |         |
|                                 |                    | People differ in the types of activities they like. The following questions will help...- Accept people as they are. |       |         |
|                                 | Type               | Numeric                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                |       |         |
| N                               | Valid              | 139                                                                                                                  |       |         |
|                                 | Missing            | 53                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 4.15                                                                                                                 |       |         |
|                                 | Standard Deviation | .680                                                                                                                 |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                 |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                      | 0     | 0.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                | 3     | 1.6%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                      | 14    | 7.3%    |
|                                 | 4                  | Moderately Accurate                                                                                                  | 81    | 42.2%   |
|                                 | 5                  | Very Accurate                                                                                                        | 41    | 21.4%   |

**a5ffmtrait\_38**

|                                 |                    | Value                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1000                                                                                                                                 |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Make people feel at ease. |       |         |
|                                 | Type               | Numeric                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                      |       |         |
| N                               | Valid              | 139                                                                                                                                  |       |         |
|                                 | Missing            | 53                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.90                                                                                                                                 |       |         |
|                                 | Standard Deviation | .755                                                                                                                                 |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                 |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                      | 1     | 0.5%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                | 5     | 2.6%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                      | 26    | 13.5%   |
|                                 | 4                  | Moderately Accurate                                                                                                                  | 82    | 42.7%   |
|                                 | 5                  | Very Accurate                                                                                                                        | 25    | 13.0%   |

**a5ffmtrait\_39**

|                                 |                    | Value                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1001                                                                                                                            |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Have a sharp tongue. |       |         |
|                                 | Type               | Numeric                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                 |       |         |
| N                               | Valid              | 139                                                                                                                             |       |         |
|                                 | Missing            | 53                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.78                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.115                                                                                                                           |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                 | 21    | 10.9%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                           | 34    | 17.7%   |

|  |   |                                 |    |       |
|--|---|---------------------------------|----|-------|
|  | 3 | Neither Accurate nor Inaccurate | 45 | 23.4% |
|  | 4 | Moderately Accurate             | 32 | 16.7% |
|  | 5 | Very Accurate                   | 7  | 3.6%  |

#### a5ffmtrait\_40

|                                 |                    | Value                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1002                                                                                                                         |       |         |
|                                 | Label              | About You<br>People differ in the types of activities they like. The following questions will help...- Cut others to pieces. |       |         |
|                                 | Type               | Numeric                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                        |       |         |
|                                 |                    |                                                                                                                              |       |         |
| N                               | Valid              | 139                                                                                                                          |       |         |
|                                 | Missing            | 53                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 1.69                                                                                                                         |       |         |
|                                 | Standard Deviation | .883                                                                                                                         |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                         |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                         |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                         |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                              | 71    | 37.0%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                        | 48    | 25.0%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                              | 15    | 7.8%    |
|                                 | 4                  | Moderately Accurate                                                                                                          | 2     | 1.0%    |
|                                 | 5                  | Very Accurate                                                                                                                | 3     | 1.6%    |

#### a5ffmtrait\_41

|                                 |                    | Value                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1003                                                                                                                                     |       |         |
|                                 | Label              | About You<br>People differ in the types of activities they like. The following questions will help...- Suspect hidden motives in others. |       |         |
|                                 | Type               | Numeric                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                    |       |         |
|                                 |                    |                                                                                                                                          |       |         |
| N                               | Valid              | 139                                                                                                                                      |       |         |
|                                 | Missing            | 53                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                                                     |       |         |
|                                 | Standard Deviation | .995                                                                                                                                     |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                     |       |         |

|                |               |                                 |    |       |
|----------------|---------------|---------------------------------|----|-------|
|                | Percentile 50 | 3.00                            |    |       |
|                | Percentile 75 | 4.00                            |    |       |
| Labeled Values | 1             | Very Inaccurate                 | 9  | 4.7%  |
|                | 2             | Moderately Inaccurate           | 39 | 20.3% |
|                | 3             | Neither Accurate nor Inaccurate | 47 | 24.5% |
|                | 4             | Moderately Accurate             | 38 | 19.8% |
|                | 5             | Very Accurate                   | 6  | 3.1%  |

#### a5ffmtrait\_42

|                                 |                    | Value                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1004                                                                                                                           |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Get back at others. |       |         |
|                                 | Type               | Numeric                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                          |       |         |
| N                               | Valid              | 139                                                                                                                            |       |         |
|                                 | Missing            | 53                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 2.37                                                                                                                           |       |         |
|                                 | Standard Deviation | 1.023                                                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                           |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                | 27    | 14.1%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                          | 58    | 30.2%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                | 33    | 17.2%   |
|                                 | 4                  | Moderately Accurate                                                                                                            | 17    | 8.9%    |
|                                 | 5                  | Very Accurate                                                                                                                  | 4     | 2.1%    |

#### a5ffmtrait\_43

|                     |             | Value                                                                                                                     | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1005                                                                                                                      |       |         |
|                     | Label       | About You<br><br>People differ in the types of activities they like. The following questions will help...- Insult people. |       |         |
|                     | Type        | Numeric                                                                                                                   |       |         |
|                     | Format      | F8                                                                                                                        |       |         |
|                     | Measurement | Scale                                                                                                                     |       |         |
| N                   | Valid       | 139                                                                                                                       |       |         |
|                     | Missing     | 53                                                                                                                        |       |         |

|                                 |                    |                                 |    |       |
|---------------------------------|--------------------|---------------------------------|----|-------|
| Central Tendency and Dispersion | Mean               | 1.94                            |    |       |
|                                 | Standard Deviation | .907                            |    |       |
|                                 | Percentile 25      | 1.00                            |    |       |
|                                 | Percentile 50      | 2.00                            |    |       |
|                                 | Percentile 75      | 2.00                            |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                 | 50 | 26.0% |
|                                 | 2                  | Moderately Inaccurate           | 58 | 30.2% |
|                                 | 3                  | Neither Accurate nor Inaccurate | 20 | 10.4% |
|                                 | 4                  | Moderately Accurate             | 11 | 5.7%  |
|                                 | 5                  | Very Accurate                   | 0  | 0.0%  |

#### a5ffmtrait\_44

|                                 |                    | Value                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1006                                                                                                                           |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Am always prepared. |       |         |
|                                 | Type               | Numeric                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                          |       |         |
| N                               | Valid              | 139                                                                                                                            |       |         |
|                                 | Missing            | 53                                                                                                                             |       |         |
| Central Tendency and Dispersion | Mean               | 3.76                                                                                                                           |       |         |
|                                 | Standard Deviation | .848                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                           |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                           |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                | 0     | 0.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                          | 14    | 7.3%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                | 28    | 14.6%   |
|                                 | 4                  | Moderately Accurate                                                                                                            | 74    | 38.5%   |
|                                 | 5                  | Very Accurate                                                                                                                  | 23    | 12.0%   |

#### a5ffmtrait\_45

|                     |          | Value                                                                                                                                | Count | Percent |
|---------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1007                                                                                                                                 |       |         |
|                     | Label    | About You<br><br>People differ in the types of activities they like. The following questions will help...- Pay attention to details. |       |         |
|                     | Type     | Numeric                                                                                                                              |       |         |

|                                 |                    |                                 |    |       |
|---------------------------------|--------------------|---------------------------------|----|-------|
|                                 | Format             | F8                              |    |       |
|                                 | Measurement        | Scale                           |    |       |
| N                               | Valid              | 139                             |    |       |
|                                 | Missing            | 53                              |    |       |
| Central Tendency and Dispersion | Mean               | 4.07                            |    |       |
|                                 | Standard Deviation | .804                            |    |       |
|                                 | Percentile 25      | 4.00                            |    |       |
|                                 | Percentile 50      | 4.00                            |    |       |
|                                 | Percentile 75      | 5.00                            |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                 | 1  | 0.5%  |
|                                 | 2                  | Moderately Inaccurate           | 7  | 3.6%  |
|                                 | 3                  | Neither Accurate nor Inaccurate | 13 | 6.8%  |
|                                 | 4                  | Moderately Accurate             | 78 | 40.6% |
|                                 | 5                  | Very Accurate                   | 40 | 20.8% |

#### a5ffmtrait\_46

|                                 |                    | Value                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1008                                                                                                                                   |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Get chores done right away. |       |         |
|                                 | Type               | Numeric                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                        |       |         |
| N                               | Valid              | 139                                                                                                                                    |       |         |
|                                 | Missing            | 53                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.47                                                                                                                                   |       |         |
|                                 | Standard Deviation | .958                                                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                   |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                        | 2     | 1.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                  | 24    | 12.5%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                        | 35    | 18.2%   |
|                                 | 4                  | Moderately Accurate                                                                                                                    | 62    | 32.3%   |
|                                 | 5                  | Very Accurate                                                                                                                          | 16    | 8.3%    |

#### a5ffmtrait\_47

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1009  |       |         |

|                                 |                    |                                                                                                               |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | About You                                                                                                     |    |       |
|                                 |                    | People differ in the types of activities they like. The following questions will help...- Carry out my plans. |    |       |
|                                 | Type               | Numeric                                                                                                       |    |       |
|                                 | Format             | F8                                                                                                            |    |       |
| N                               | Valid              | 139                                                                                                           |    |       |
|                                 | Missing            | 53                                                                                                            |    |       |
| Central Tendency and Dispersion | Mean               | 4.10                                                                                                          |    |       |
|                                 | Standard Deviation | .629                                                                                                          |    |       |
|                                 | Percentile 25      | 4.00                                                                                                          |    |       |
|                                 | Percentile 50      | 4.00                                                                                                          |    |       |
|                                 | Percentile 75      | 4.00                                                                                                          |    |       |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                               | 0  | 0.0%  |
|                                 | 2                  | Moderately Inaccurate                                                                                         | 3  | 1.6%  |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                               | 12 | 6.3%  |
|                                 | 4                  | Moderately Accurate                                                                                           | 92 | 47.9% |
|                                 | 5                  | Very Accurate                                                                                                 | 32 | 16.7% |

#### a5ffmtrait\_48

|                                 |                    | Value                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1010                                                                                                                    |       |         |
|                                 | Label              | About You                                                                                                               |       |         |
|                                 |                    | People differ in the types of activities they like. The following questions will help...- Make plans and stick to them. |       |         |
|                                 | Type               | Numeric                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                   |       |         |
| N                               | Valid              | 139                                                                                                                     |       |         |
|                                 | Missing            | 53                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.93                                                                                                                    |       |         |
|                                 | Standard Deviation | .777                                                                                                                    |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                         | 0     | 0.0%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                   | 9     | 4.7%    |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                         | 20    | 10.4%   |
|                                 | 4                  | Moderately Accurate                                                                                                     | 82    | 42.7%   |
|                                 | 5                  | Very Accurate                                                                                                           | 28    | 14.6%   |

### a5ffmtrait\_49

|                                 |                    | Value                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1011                                                                                                                      |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Waste my time. |       |         |
|                                 | Type               | Numeric                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                     |       |         |
|                                 |                    |                                                                                                                           |       |         |
| N                               | Valid              | 139                                                                                                                       |       |         |
|                                 | Missing            | 53                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.52                                                                                                                      |       |         |
|                                 | Standard Deviation | 1.010                                                                                                                     |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                      |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                           | 20    | 10.4%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                     | 57    | 29.7%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                           | 35    | 18.2%   |
|                                 | 4                  | Moderately Accurate                                                                                                       | 24    | 12.5%   |
|                                 | 5                  | Very Accurate                                                                                                             | 3     | 1.6%    |

### a5ffmtrait\_50

|                                 |                    | Value                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1012                                                                                                                                              |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Find it difficult to get down to work. |       |         |
|                                 | Type               | Numeric                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                   |       |         |
| N                               | Valid              | 139                                                                                                                                               |       |         |
|                                 | Missing            | 53                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.45                                                                                                                                              |       |         |
|                                 | Standard Deviation | .911                                                                                                                                              |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                              |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                                   | 17    | 8.9%    |
|                                 | 2                  | Moderately Inaccurate                                                                                                                             | 64    | 33.3%   |

|  |   |                                 |    |       |
|--|---|---------------------------------|----|-------|
|  | 3 | Neither Accurate nor Inaccurate | 37 | 19.3% |
|  | 4 | Moderately Accurate             | 20 | 10.4% |
|  | 5 | Very Accurate                   | 1  | 0.5%  |
|  |   |                                 |    |       |

#### a5ffmtrait\_51

|                                 |                    | Value                                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1013                                                                                                                                      |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Do just enough work to get by. |       |         |
|                                 | Type               | Numeric                                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                                     |       |         |
|                                 |                    |                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                           |       |         |
| N                               | Valid              | 139                                                                                                                                       |       |         |
|                                 | Missing            | 53                                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.29                                                                                                                                      |       |         |
|                                 | Standard Deviation | .944                                                                                                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                      |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                                           | 29    | 15.1%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                                     | 57    | 29.7%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                                           | 37    | 19.3%   |
|                                 | 4                  | Moderately Accurate                                                                                                                       | 15    | 7.8%    |
|                                 | 5                  | Very Accurate                                                                                                                             | 1     | 0.5%    |

#### a5ffmtrait\_52

|                                 |                    | Value                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1014                                                                                                                                 |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Don't see things through. |       |         |
|                                 | Type               | Numeric                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                      |       |         |
| N                               | Valid              | 139                                                                                                                                  |       |         |
|                                 | Missing            | 53                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 1.89                                                                                                                                 |       |         |
|                                 | Standard Deviation | .787                                                                                                                                 |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                 |       |         |

|                |               |                                 |    |       |
|----------------|---------------|---------------------------------|----|-------|
|                | Percentile 50 | 2.00                            |    |       |
|                | Percentile 75 | 2.00                            |    |       |
| Labeled Values | 1             | Very Inaccurate                 | 46 | 24.0% |
|                | 2             | Moderately Inaccurate           | 67 | 34.9% |
|                | 3             | Neither Accurate nor Inaccurate | 21 | 10.9% |
|                | 4             | Moderately Accurate             | 5  | 2.6%  |
|                | 5             | Very Accurate                   | 0  | 0.0%  |

### a5ffmtrait\_53

|                                 |                    | Value                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1015                                                                                                                        |       |         |
|                                 | Label              | About You<br><br>People differ in the types of activities they like. The following questions will help...- Shirk my duties. |       |         |
|                                 | Type               | Numeric                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                       |       |         |
|                                 |                    |                                                                                                                             |       |         |
| N                               | Valid              | 139                                                                                                                         |       |         |
|                                 | Missing            | 53                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 2.01                                                                                                                        |       |         |
|                                 | Standard Deviation | .834                                                                                                                        |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                        |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                        |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Very Inaccurate                                                                                                             | 45    | 23.4%   |
|                                 | 2                  | Moderately Inaccurate                                                                                                       | 49    | 25.5%   |
|                                 | 3                  | Neither Accurate nor Inaccurate                                                                                             | 43    | 22.4%   |
|                                 | 4                  | Moderately Accurate                                                                                                         | 2     | 1.0%    |
|                                 | 5                  | Very Accurate                                                                                                               | 0     | 0.0%    |

### a5ctexRAT\_1\_1

|                     |          | Value                                                                                                                                                                                                                                       | Count | Percent |
|---------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1016                                                                                                                                                                                                                                        |       |         |
|                     | Label    | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Relevant is the evidence to the claim?-In a recent survey, 8 out of 20 shoppers commented: It smells like toothpaste, not soap. |       |         |
|                     | Type     | Numeric                                                                                                                                                                                                                                     |       |         |
|                     | Format   | F8                                                                                                                                                                                                                                          |       |         |
|                     |          |                                                                                                                                                                                                                                             |       |         |

|                                 | Measurement        | Scale        |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| N                               | Valid              | 71           |    |       |
|                                 | Missing            | 121          |    |       |
| Central Tendency and Dispersion | Mean               | 1.90         |    |       |
|                                 | Standard Deviation | .848         |    |       |
|                                 | Percentile 25      | 1.00         |    |       |
|                                 | Percentile 50      | 2.00         |    |       |
|                                 | Percentile 75      | 2.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 24 | 12.5% |
|                                 | 2                  | Somewhat     | 34 | 17.7% |
|                                 | 3                  | Mostly       | 10 | 5.2%  |
|                                 | 4                  | Entirely     | 2  | 1.0%  |
|                                 | 5                  | I don't know | 1  | 0.5%  |

### a5ctexRAT\_1\_2

|                                 |                    | Value                                                                                                                                                                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1017                                                                                                                                                                                                                                                               |       |         |
|                                 | Label              | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Relevant is the evidence to the claim?-Your cousins told you that last week, when they washed their clothes with it, it did not get their socks clean. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                              |       |         |
|                                 |                    |                                                                                                                                                                                                                                                                    |       |         |
| N                               | Valid              | 71                                                                                                                                                                                                                                                                 |       |         |
|                                 | Missing            | 121                                                                                                                                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                                                                                                                                                                                               |       |         |
|                                 | Standard Deviation | .821                                                                                                                                                                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                         | 1     | 0.5%    |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                           | 15    | 7.8%    |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                             | 24    | 12.5%   |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                           | 31    | 16.1%   |
|                                 | 5                  | I don't know                                                                                                                                                                                                                                                       | 0     | 0.0%    |

### a5ctexRAT\_1\_3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1018  |       |         |

|                                 |                    |                                                                                                                                                                                                                                                         |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Relevant is the evidence to the claim?-When you look at the ads in the paper, you see that it costs about half as much as other detergents. |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                 |    |       |
|                                 | Format             | F8                                                                                                                                                                                                                                                      |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                   |    |       |
| N                               | Valid              | 71                                                                                                                                                                                                                                                      |    |       |
|                                 | Missing            | 121                                                                                                                                                                                                                                                     |    |       |
| Central Tendency and Dispersion | Mean               | 2.11                                                                                                                                                                                                                                                    |    |       |
|                                 | Standard Deviation | 1.103                                                                                                                                                                                                                                                   |    |       |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                    |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                    |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                    |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                              | 28 | 14.6% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                | 17 | 8.9%  |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                  | 17 | 8.9%  |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                | 8  | 4.2%  |
|                                 | 5                  | I don't know                                                                                                                                                                                                                                            | 1  | 0.5%  |

#### a5ctexRAT\_2\_1

|                                 |                    | Value                                                                                                                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1019                                                                                                                                                                                                                           |       |         |
|                                 | Label              | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Accurate is the evidence?-In a recent survey, 8 out of 20 shoppers commented: It smells like toothpaste, not soap. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                                                                                                                |       |         |
| N                               | Valid              | 71                                                                                                                                                                                                                             |       |         |
|                                 | Missing            | 121                                                                                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.10                                                                                                                                                                                                                           |       |         |
|                                 | Standard Deviation | 1.354                                                                                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                           |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                     | 5     | 2.6%    |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                       | 28    | 14.6%   |

|  |   |              |    |      |
|--|---|--------------|----|------|
|  | 3 | Mostly       | 11 | 5.7% |
|  | 4 | Entirely     | 9  | 4.7% |
|  | 5 | I don't know | 18 | 9.4% |

#### a5ctexRAT\_2\_2

|                                 |                    | Value                                                                                                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1020                                                                                                                                                                                                                                                  |       |         |
|                                 | Label              | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Accurate is the evidence?-Your cousins told you that last week, when they washed their clothes with it, it did not get their socks clean. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                                                                                                       |       |         |
| N                               | Valid              | 71                                                                                                                                                                                                                                                    |       |         |
|                                 | Missing            | 121                                                                                                                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 2.85                                                                                                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.129                                                                                                                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                            | 4     | 2.1%    |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                              | 29    | 15.1%   |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                | 22    | 11.5%   |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                              | 6     | 3.1%    |
|                                 | 5                  | I don't know                                                                                                                                                                                                                                          | 10    | 5.2%    |

#### a5ctexRAT\_2\_3

|                     |             | Value                                                                                                                                                                                                                                      | Count | Percent |
|---------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1021                                                                                                                                                                                                                                       |       |         |
|                     | Label       | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Accurate is the evidence?-When you look at the ads in the paper, you see that it costs about half as much as other detergents. |       |         |
|                     | Type        | Numeric                                                                                                                                                                                                                                    |       |         |
|                     | Format      | F8                                                                                                                                                                                                                                         |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                                                      |       |         |
|                     |             |                                                                                                                                                                                                                                            |       |         |
| N                   | Valid       | 71                                                                                                                                                                                                                                         |       |         |
|                     | Missing     | 121                                                                                                                                                                                                                                        |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| Central Tendency and Dispersion | Mean               | 3.38         |    |       |
|                                 | Standard Deviation | .916         |    |       |
|                                 | Percentile 25      | 3.00         |    |       |
|                                 | Percentile 50      | 4.00         |    |       |
|                                 | Percentile 75      | 4.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 2  | 1.0%  |
|                                 | 2                  | Somewhat     | 10 | 5.2%  |
|                                 | 3                  | Mostly       | 23 | 12.0% |
|                                 | 4                  | Entirely     | 31 | 16.1% |
|                                 | 5                  | I don't know | 5  | 2.6%  |

### a5ctexRAT\_3\_1

|                                 |                    | Value                                                                                                                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1022                                                                                                                                                                                                                      |       |         |
|                                 | Label              | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Typical is evidence?-In a recent survey, 8 out of 20 shoppers commented: It smells like toothpaste, not soap. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                     |       |         |
|                                 |                    |                                                                                                                                                                                                                           |       |         |
| N                               | Valid              | 71                                                                                                                                                                                                                        |       |         |
|                                 | Missing            | 121                                                                                                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 2.35                                                                                                                                                                                                                      |       |         |
|                                 | Standard Deviation | 1.084                                                                                                                                                                                                                     |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                      |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                      |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                | 14    | 7.3%    |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                  | 32    | 16.7%   |
|                                 | 3                  | Moderately                                                                                                                                                                                                                | 16    | 8.3%    |
|                                 | 4                  | Extremely                                                                                                                                                                                                                 | 4     | 2.1%    |
|                                 | 5                  | I don't know                                                                                                                                                                                                              | 5     | 2.6%    |

### a5ctexRAT\_3\_2

|                     |          | Value                                                                                                                                                                                                                                            | Count | Percent |
|---------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1023                                                                                                                                                                                                                                             |       |         |
|                     | Label    | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Typical is evidence?-Your cousins told you that last week, when they washed their clothes with it, it did not get their socks clean. |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
|                                 | Type               | Numeric      |    |       |
|                                 | Format             | F8           |    |       |
|                                 | Measurement        | Scale        |    |       |
| N                               | Valid              | 71           |    |       |
|                                 | Missing            | 121          |    |       |
| Central Tendency and Dispersion | Mean               | 2.72         |    |       |
|                                 | Standard Deviation | 1.149        |    |       |
|                                 | Percentile 25      | 2.00         |    |       |
|                                 | Percentile 50      | 3.00         |    |       |
|                                 | Percentile 75      | 3.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 9  | 4.7%  |
|                                 | 2                  | Somewhat     | 25 | 13.0% |
|                                 | 3                  | Moderately   | 21 | 10.9% |
|                                 | 4                  | Extremely    | 9  | 4.7%  |
|                                 | 5                  | I don't know | 7  | 3.6%  |

### a5ctexRAT\_3\_3

|                                 |                    | Value                                                                                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1024                                                                                                                                                                                                                                  |       |         |
|                                 | Label              | Example Below are some pieces of evidence or reasons that someone might give to support the follow... : How Typical is evidence?-When you look at the ads in the paper, you see that it costs about half as much as other detergents. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                 |       |         |
|                                 | Valid              | 71                                                                                                                                                                                                                                    |       |         |
|                                 | Missing            | 121                                                                                                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 3.01                                                                                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.076                                                                                                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                            | 5     | 2.6%    |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                              | 19    | 9.9%    |
|                                 | 3                  | Moderately                                                                                                                                                                                                                            | 23    | 12.0%   |
|                                 | 4                  | Extremely                                                                                                                                                                                                                             | 18    | 9.4%    |
|                                 | 5                  | I don't know                                                                                                                                                                                                                          | 6     | 3.1%    |

### Q295

|                     |          | Value |
|---------------------|----------|-------|
| Standard Attributes | Position | 1025  |

|                                 |                    |                                                                                                         |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
|                                 | Label              | Note: Above, you can roll your cursor over the red bolded terms to see a reminder of what the term m... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 71                                                                                                      |
|                                 | Missing            | 121                                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                                    |

### Q292

|                                 |                    |                                                                                                        |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Value              |                                                                                                        |
|                                 | Position           | 1026                                                                                                   |
|                                 | Label              | [[ See how (fictional) others might answer the above by clicking HERE ]] [[ Click again to hide ]].... |
|                                 | Type               | Numeric                                                                                                |
|                                 | Format             | F8                                                                                                     |
|                                 | Measurement        | Scale                                                                                                  |
| N                               | Valid              | 71                                                                                                     |
|                                 | Missing            | 121                                                                                                    |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                   |
|                                 | Standard Deviation | .000                                                                                                   |
|                                 | Percentile 25      | 1.00                                                                                                   |
|                                 | Percentile 50      | 1.00                                                                                                   |
|                                 | Percentile 75      | 1.00                                                                                                   |

### a5ctexsuff

|                                 |                    |                                                                                                        |       |         |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Value              |                                                                                                        | Count | Percent |
|                                 | Position           | 1027                                                                                                   |       |         |
|                                 | Label              | Imagine that the evidence above was the only evidence you had for the claim that you should NOT buy... |       |         |
|                                 | Type               | Numeric                                                                                                |       |         |
|                                 | Format             | F8                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                  |       |         |
| N                               | Valid              | 71                                                                                                     |       |         |
|                                 | Missing            | 121                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.59                                                                                                   |       |         |
|                                 | Standard Deviation | .888                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                   |       |         |
|                                 | Percentile 75      | 3.00                                                                                                   |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                             | 8     | 4.2%    |
|                                 | 2                  | Slightly                                                                                               | 23    | 12.0%   |
|                                 | 3                  | Somewhat                                                                                               | 31    | 16.1%   |
|                                 | 4                  | Mostly                                                                                                 | 8     | 4.2%    |
|                                 | 5                  | Entirely                                                                                               | 1     | 0.5%    |

**a5Tp2\_1**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1028               |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 70                 |
|                                 | Missing            | 122                |
| Central Tendency and Dispersion | Mean               | 70.1557            |
|                                 | Standard Deviation | 83.03211           |
|                                 | Percentile 25      | 17.9920            |
|                                 | Percentile 50      | 41.8695            |
|                                 | Percentile 75      | 91.9500            |

**a5Tp2\_2**

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 1029              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 70                |
|                                 | Missing            | 122               |
| Central Tendency and Dispersion | Mean               | 210.2892          |
|                                 | Standard Deviation | 241.41333         |
|                                 | Percentile 25      | 104.0180          |
|                                 | Percentile 50      | 148.1730          |
|                                 | Percentile 75      | 230.1500          |

**a5Tp2\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1030               |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 70                 |
|                                 | Missing            | 122                |
| Central Tendency and Dispersion | Mean               | 219.1321           |
|                                 | Standard Deviation | 242.77065          |
|                                 | Percentile 25      | 108.3320           |
|                                 | Percentile 50      | 150.6825           |
|                                 | Percentile 75      | 231.1070           |

**a5Tp2\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1031               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 70                 |
|                                 | Missing            | 122                |
| Central Tendency and Dispersion | Mean               | 22.0000            |
|                                 | Standard Deviation | 11.25849           |
|                                 | Percentile 25      | 14.0000            |
|                                 | Percentile 50      | 22.0000            |
|                                 | Percentile 75      | 26.0000            |

**Q319**

|                                 |                    | Value                                                                                                   |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 1032                                                                                                    |
|                                 | Label              | Next, you will apply what you learned to think critically, and in greater depth, about the question:... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 71                                                                                                      |
|                                 | Missing            | 121                                                                                                     |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |
|                                 | Percentile 50      | 1.00                                                                                                    |
|                                 | Percentile 75      | 1.00                                                                                                    |

**a5ctc\_rate\_1\_x1**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1033  |       |         |

|   |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|---|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|   | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?- Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. See evidenceSupporting evidence?• Some note that such procedures are already being considered: "It's technically feasible and it can be done," says Mark Hughes, a pioneer of the PGD process and director of Genesis Genetics Institute, a large fertility laboratory in Detroit. However, he adds that 'no legitimate lab would get into it and, if they did, they'd be ostracized.'" See source • Nanotechnology may simply be an additional tool for achieving such aims, as suggested by this author: "Nanorobots could change your physical appearance. They could be programmed to perform cosmetic surgery, rearranging your atoms to change your ears, nose, eye color or any other physical feature you wish to alter." See sourceNegating evidence?• At the end of the article referencing the potential of nanorobots above, the author states that, in general, "Many nanotechnology experts feel that these applications are well outside the realm of possibility, at least for the foreseeable future." See source |  |  |
|   | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
|   | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
|   | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| N | Valid       | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
|   | Missing     | 159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |

|                                 |                    |            |    |      |
|---------------------------------|--------------------|------------|----|------|
| Central Tendency and Dispersion | Mean               | 2.39       |    |      |
|                                 | Standard Deviation | 1.029      |    |      |
|                                 | Percentile 25      | 2.00       |    |      |
|                                 | Percentile 50      | 2.00       |    |      |
|                                 | Percentile 75      | 3.00       |    |      |
| Labeled Values                  | 1                  | Not at all | 8  | 4.2% |
|                                 | 2                  | Somewhat   | 9  | 4.7% |
|                                 | 3                  | Mostly     | 11 | 5.7% |
|                                 | 4                  | Entirely   | 5  | 2.6% |

**a5ctc\_rate\_1\_x2**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1034  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?-People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. See evidenceSupporting evidence?• Dr. Gregor Wolbring reminds us that "the ever increasing appearance of internal and external enhancements of the human body – driven by lucrative and big business sport disciplines on one hand and the medical technology to deal with injuries on the other – enables a culture of increasing demand for, and acceptance of, improvements to and modifications of the human body (structure, function, abilities) beyond its species-typical boundaries." See source• With regard to the potential of nanotechnology to enhance humans, the President's Council on Bioethics said, "These technologies promise great benefits for humanity—such as increased productivity and creativity, longer lives, more serenity, stronger bodies and minds." See source• In 2000, David Resnick noted that scientists at a conference predicted that "within a few years researchers will develop techniques that can be used to enhance human traits." See sourceNegating evidence?• In light of recent developments in genetic research, scientists have been asked to make changes in things like</p> |  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |    |      |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|------|
|                                 | skin color and muscle mass of patients. While this probably could be accomplished with current technology, Dr. Christopher Evans and Dr. Scott McIvor say, "the possibility of harm would be difficult to justify for a cosmetic procedure and, more important, genetic enhancement of healthy people raises a host of difficult ethical questions." See source• "The American Medical Association's Council on Ethical and Judicial Affairs issued a policy statement in 1994 stating that efforts to enhance "desirable" characteristics through the insertion of a modified or additional gene, or efforts to "improve" complex human traits, are contrary not only to the ethical tradition of medicine but also to the egalitarian values of our society." See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Numeric    |    |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | F8         |    |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Scale      |    |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 43         |    |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 149        |    |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.93       |    |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | .985       |    |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.00       |    |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2.00       |    |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3.00       |    |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Not at all | 18 | 9.4% |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Somewhat   | 14 | 7.3% |
|                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mostly     | 7  | 3.6% |
|                                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Entirely   | 4  | 2.1% |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |    |      |

a5ctc\_rate\_1\_x3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1035  |       |         |
|                     |          |       |       |         |

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                 | Label              | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?- Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to one's children. See evidenceSupporting evidence?• Scientists believe that every human has about 25,000 genes per cell. A mutation, or change, in any one of these genes can result in a disease, physical disability, or shortened life span. These mutations can be passed from one generation to another, inherited just like a mother's red hair or a father's brown eyes. Negating evidence?• David King of Human Genetics Alert says, "Currently, genetic engineering is only applied to non-reproductive cells (this is known as 'gene therapy') in order to treat diseases in a single patient, rather than in all their descendants. Gene therapy is still very unsuccessful, and we are often told that the prospect of reproductive genetic engineering is remote." See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |  |  |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
| N                               | Valid              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                                 | Missing            | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
| Central Tendency and Dispersion | Mean               | 2.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|                                 | Standard Deviation | 1.163                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |

|                |               |            |    |      |
|----------------|---------------|------------|----|------|
|                | Percentile 75 | 4.00       |    |      |
| Labeled Values | 1             | Not at all | 9  | 4.7% |
|                | 2             | Somewhat   | 7  | 3.6% |
|                | 3             | Mostly     | 10 | 5.2% |
|                | 4             | Entirely   | 11 | 5.7% |

**a5ctc\_rate\_1\_x4**

|                     |          |       |       |         |
|---------------------|----------|-------|-------|---------|
|                     |          | Value | Count | Percent |
| Standard Attributes | Position | 1036  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
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| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?-When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. See evidenceSupporting evidence?• An article by the Richmond Journal of Law and Technology reminds us that "[t]he extraordinarily small size of nanoproducts results in unusual properties that go beyond the normal law of physics, which makes working with them quite unpredictable." See source• A recent article in the Medical Journal of Australia states that "safety regulation of nanotherapeutics may present unique risk assessment challenges, given the novelty and variety of products, high mobility and reactivity of engineered nanoparticles, and blurring of the diagnostic and therapeutic classifications of "medicines" and "medical devices". See sourceNegating evidence?• The Law Journal of Medicine and Ethics ran an article in 2006 which stated, "risk often provokes the precautionary principle, a guide for human activities to prevent harm to human health and the environment. It is not a new principle and is often a formula for doing nothing in its strictest form or, in its active form it means choosing a less risky alternative and taking responsibility for any potential risks." That is to say, the risks of mistakes with nanotechnology are</p> |  |
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|                                 |                    |                                                                                                                                                                                 |    |      |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | no different than the risks we take in other areas. See source Did you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                         |    |      |
|                                 | Format             | F8                                                                                                                                                                              |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                           |    |      |
| N                               | Valid              | 35                                                                                                                                                                              |    |      |
|                                 | Missing            | 157                                                                                                                                                                             |    |      |
| Central Tendency and Dispersion | Mean               | 2.86                                                                                                                                                                            |    |      |
|                                 | Standard Deviation | 1.004                                                                                                                                                                           |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                            |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                                                                            |    |      |
|                                 | Percentile 75      | 4.00                                                                                                                                                                            |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                      | 4  | 2.1% |
|                                 | 2                  | Somewhat                                                                                                                                                                        | 8  | 4.2% |
|                                 | 3                  | Mostly                                                                                                                                                                          | 12 | 6.3% |
|                                 | 4                  | Entirely                                                                                                                                                                        | 11 | 5.7% |

a5ctc\_rate\_1\_x5

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1037  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?-Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. See evidence Supporting evidence?• In his 2007 paper, Patrick Lin looks at both sides of the issue: "On one side, experts argue that nanomaterials, which are making their way into the marketplace today, are possibly harmful to consumers and the environment, so stronger and new laws are needed to ensure they are safe. On the other side, different experts argue that more regulation will slow down the pace of business and innovation in nanotechnology." See source• Howard Schachman, Biology Professor at the University of California at Berkeley, posits that, "scientists temperamentally and culturally are skeptical about the legitimacy of rules; instinctively they tend to oppose regulations as an unnecessary burden impeding research." He adds that they "express frustration over those government regulations which are imposed as a result of political pressures, provide very little benefit, appear ill-advised or poorly crafted, are costly and do indeed impede scientific research." Negating evidence?• According to an Arizona State University study, "leading U.S. scientists in nanotechnology believe regulations are most urgently needed in the areas of surveillance and privacy, human</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | enhancement, medicine and the environment."See source• Norris Alderson, who was on the FDA task force for nanomedicine says, "We reached a number of conclusions. Perhaps the most important is that, for now, this technology is really no different than any other new technology that would be incorporated into FDA products. So with that in mind, we feel comfortable, if you will, using our present regulatory framework. However, we felt there is need for guidance to help this industry as it moves forward. We recognized a need for additional information in various areas, such as biosafety. FDA and other agencies are working together on that. But for now, we just do not see the need for regulations written specifically for nano-engineered materials in the products FDA regulates."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
| N                               | Valid              | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Missing            | 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
| Central Tendency and Dispersion | Mean               | 1.93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |
|                                 | Standard Deviation | 1.086                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |
|                                 | Percentile 50      | 1.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 14 | 7.3% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5  | 2.6% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6  | 3.1% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3  | 1.6% |

**a5ctc\_rate\_1\_x6**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1038  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
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| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?-Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. See evidence Supporting evidence?• Dr Patrick Lin, director of The Nanoethics Group says, "We need to find a reasonable balance that responsibly promotes innovation in nanotechnology while at the same time safeguards EHS [environmental health and safety] interests." See source• Eric Berger, science reporter for the Houston Chronicle, says "by finding areas in which nanotechnology may pose even a theoretical threat, they're also opening the door to more stringent regulation, which at some point may strangle the development of small, cash-strapped companies that are trying to commercialize innovative nano ideas." See source• According to a 2010 article on thescientist.com, "Biomedical science as it is practiced today in the United States in academic institutions is largely an enterprise, and a very large enterprise, supported with public funds from the national government. Due to the real risks for lapses in safety or ethics and the appropriate expectation for some form of accountability, research supported by money from the National Institutes of Health (NIH) or other federal sources is expected to comply with rules and regulations intended to minimize the chances for breaches in safety or ethics or</p> |  |  |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | for inappropriate use of research funding. While many of these regulatory regimes are well-intentioned, collectively, they have come to represent an immense burden that stifles creativity and discourages timely implementation of research ideas resulting from new insights or inspirations."See sourceNegating evidence?• Tim Malloy, of the UCLA School of Law Sustainable Technology and Policy Program says, "Nanotechnology raises substantial scientific and policy issues regarding both risk assessment and standard setting, provoking calls for further study and "soft law" approaches relying upon voluntary action by industry rather than mandatory regulation."See source• In 2006, nanotechweb.org argued that, "The anticipated rapid emergence of nanotechnology brings significant regulatory challenges for environmental protection. A lack of regulation will undermine public confidence in the emerging technology."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
| N                               | Valid              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Missing            | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |      |
| Central Tendency and Dispersion | Mean               | 1.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Standard Deviation | .884                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 75      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 19 | 9.9% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14 | 7.3% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1  | 0.5% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3  | 1.6% |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1039  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. See evidenceSupporting evidence?• A National Citizens' Technology Forum Report on Nanotechnology states that "A critically important aspect of manipulating matter at the nanoscale is that a material's properties can...exhibit new properties, such as electrical conductivity, elasticity, enhanced strength, different colors, and different reactivity, when compared to the same material at "normal" scale. This means...that using materials at the nanoscale can mean the creation of new materials that can be beneficial in many ways. It also means that we cannot assume that materials that are safe and harmless at normal scales are necessarily safe and harmless at the nanoscale."See source• Andrew Maynard, head of the University of Michigan Risk Science Center, offers an example: "Gold is an inert, yellowish metal—everyone knows this." He continues, "But form gold into particles just a few nanometers across, and everything changes—the metal does the equivalent of transforming from a cat into a dog. Instead of appearing yellowish in color, the particles now appear red, and become highly chemically active."See</p> |  |  |
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|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                              |    |      |
|                                 | Format             | F8                                                                                                                                                   |    |      |
|                                 | Measurement        | Scale                                                                                                                                                |    |      |
| N                               | Valid              | 34                                                                                                                                                   |    |      |
|                                 | Missing            | 158                                                                                                                                                  |    |      |
| Central Tendency and Dispersion | Mean               | 2.79                                                                                                                                                 |    |      |
|                                 | Standard Deviation | 1.122                                                                                                                                                |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                 |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                                                 |    |      |
|                                 | Percentile 75      | 4.00                                                                                                                                                 |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                           | 6  | 3.1% |
|                                 | 2                  | Somewhat                                                                                                                                             | 7  | 3.6% |
|                                 | 3                  | Mostly                                                                                                                                               | 9  | 4.7% |
|                                 | 4                  | Entirely                                                                                                                                             | 12 | 6.3% |

a5ctc\_rate\_1\_x8

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1040  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
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| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?- Nanogenomics will someday let people choose the genetic make up of their children. See evidenceSupporting evidence?• As Jeff Steinberg of LA's Fertility Institutes says, "This is cosmetic medicine...Others are frightened by the criticism but we have no problems with it." Trait selection in babies "is a service," says Dr. Steinberg, and "[w]e intend to offer it soon." See source• Stanford University's Cross-cultural Rhetoric Project acknowledges that "PGD (Preimplantation Genetic Diagnosis) has been used to create 'Designer Babies'. 'Designer baby' is a term used to refer to a baby whose genetic makeup has been artificially selected by genetic engineering. The procedure used to create these genetically modified babies ensures the presence or absence of particular genes or characteristics." See sourceNegating evidence?• Geneticist and blogger, Minerva reminds us that "the opportunity to alter a relatively "simple" trait such as height will be available long before we figure out the soup of probable genetic determinants of "empathy", so physical trait enhancement will surely precede character trait enhancement." See source• According to a 2009 Science Daily article, "A new study by researchers at NYU Langone Medical Center found a high desire for additional genetic testing among consumers for life</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | altering and threatening medical conditions including mental retardation, blindness, deafness, cancer, heart disease, dwarfism and shortened lifespan from death by 5 years of age. Consumers, however, are less interested in prenatal genetic testing for traits including tall stature, superior athletic ability and superior intelligence."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
| N                               | Valid              | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Missing            | 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |      |
| Central Tendency and Dispersion | Mean               | 2.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Standard Deviation | .879                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4  | 2.1% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 13 | 6.8% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11 | 5.7% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4  | 2.1% |

a5ctc\_rate\_1\_x13

|                     |          | Value | Count | Percent |
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| Standard Attributes | Position | 1041  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?-Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. See evidenceSupporting evidence?• "Among the long term objectives of the NIH initiative are goals such as being able to use nanoparticles to seek out cancer cells before tumors grow, remove and/ or replace "broken" parts of cells or cell mechanisms with miniature, molecular-sized biological "machines", and use similar "machines" as pumps or robots to deliver medicines when and where needed within the body. All of these ideas are feasible based on present technology." Subsequently, delaying this research is risking the lives of the people who could benefit from these treatments. See source• In 2005, a CNN article said that, "by attaching a chemotherapeutic drug to manmade nanoparticles, the team of researchers at the University of Michigan were able to smuggle it inside cancerous cells, delaying the growth of tumors in mice by up to 30 days -- the equivalent of three years in a human. Professor of biologic nanotechnology James Baker, who led the research, said that the treatment might eventually turn cancer into a chronic but treatable condition." See source• According to John Miller, a lawyer specializing in law and technology, "a lack of agency preparation could take the form of</p> |  |  |
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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |    |       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|-------|
|                                 | unnecessary delays in patient access. Inadequate resources combined with a growing caseload, an inefficient regulatory structure, a lack of expertise, or FDA reviewers exercising extreme caution could all result in the FDA taking excessive amounts of time to review new technologies."See sourceNegating evidence?• John Miller also points out that "If a lack of agency preparation results in hasty approval of dangerous therapies and a failure to effectively monitor clinical research, patients could be exposed to a significant risk of harm during clinical trials."See source• In the Australian and New Zealand Journal of Public Health, researchers wrote that the "regulatory regimes do not adequately capture the potential risks associated with this new technology. Concerns have arisen due to preliminary evidence suggesting that some engineered nanoparticles may display undesirable toxicological properties, presenting potential risks to human and environmental health and safety."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |       |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Numeric    |    |       |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | F8         |    |       |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Scale      |    |       |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 36         |    |       |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 156        |    |       |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.56       |    |       |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | .809       |    |       |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.00       |    |       |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.00       |    |       |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.00       |    |       |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not at all | 22 | 11.5% |

|  |   |          |   |      |
|--|---|----------|---|------|
|  | 2 | Somewhat | 9 | 4.7% |
|  | 3 | Mostly   | 4 | 2.1% |
|  | 4 | Entirely | 1 | 0.5% |

#### a5ctc\_rate\_1\_x14

|                     |             | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |
|                     | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the PRO-Regulation perspective?- Nanogenomic technology is being used to diagnose (not just treat) diseases. See evidenceSupporting evidence?• According to the magazine New Scientist, Dr. Christine Keating and her colleagues at Pennsylvania State University have created a chip consisting of a series of nanowires coated with DNA sequences that match those from disease-causing bacteria or viruses that can be used to diagnose a variety of medical conditions. See source • A National Citizens' Technology Forum Report on Nanotechnology states that nanotechnology may lead to "dramatic diagnostic improvements", including using "nanoscale particles to dramatically enhance physicians' ability to detect very minute amounts of specific disease-related molecules in the body." See sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |       |         |
|                     | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |         |
|                     | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |
| N                   | Valid       | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |         |

|                                 |                    |            |      |      |  |
|---------------------------------|--------------------|------------|------|------|--|
|                                 | Missing            |            | 162  |      |  |
| Central Tendency and Dispersion | Mean               |            | 2.03 |      |  |
|                                 | Standard Deviation |            | .964 |      |  |
|                                 | Percentile 25      |            | 1.00 |      |  |
|                                 | Percentile 50      |            | 2.00 |      |  |
|                                 | Percentile 75      |            | 3.00 |      |  |
| Labeled Values                  | 1                  | Not at all | 11   | 5.7% |  |
|                                 | 2                  | Somewhat   | 9    | 4.7% |  |
|                                 | 3                  | Mostly     | 8    | 4.2% |  |
|                                 | 4                  | Entirely   | 2    | 1.0% |  |

a5ctc\_rate\_2\_x1

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1043  |       |         |

|                                 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|---------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                 | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?- Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. See evidenceSupporting evidence?• Some note that such procedures are already being considered: "It's technically feasible and it can be done," says Mark Hughes, a pioneer of the PGD process and director of Genesis Genetics Institute, a large fertility laboratory in Detroit. However, he adds that 'no legitimate lab would get into it and, if they did, they'd be ostracized.'" See source • Nanotechnology may simply be an additional tool for achieving such aims, as suggested by this author: "Nanorobots could change your physical appearance. They could be programmed to perform cosmetic surgery, rearranging your atoms to change your ears, nose, eye color or any other physical feature you wish to alter." See sourceNegating evidence?• At the end of the article referencing the potential of nanorobots above, the author states that, in general, "Many nanotechnology experts feel that these applications are well outside the realm of possibility, at least for the foreseeable future." See source |  |  |
|                                 | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
|                                 | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|                                 | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
| N                               | Valid       | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|                                 | Missing     | 159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
| Central Tendency and Dispersion | Mean        | 2.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |

|                |                    |            |      |      |  |
|----------------|--------------------|------------|------|------|--|
|                | Standard Deviation |            | .699 |      |  |
|                | Percentile 25      |            | 2.00 |      |  |
|                | Percentile 50      |            | 2.00 |      |  |
|                | Percentile 75      |            | 3.00 |      |  |
| Labeled Values | 1                  | Not at all | 4    | 2.1% |  |
|                | 2                  | Somewhat   | 13   | 6.8% |  |
|                | 3                  | Mostly     | 16   | 8.3% |  |
|                | 4                  | Entirely   | 0    | 0.0% |  |

a5ctc\_rate\_2\_x2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1044  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?-People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. See evidenceSupporting evidence?• Dr. Gregor Wolbring reminds us that "the ever increasing appearance of internal and external enhancements of the human body – driven by lucrative and big business sport disciplines on one hand and the medical technology to deal with injuries on the other – enables a culture of increasing demand for, and acceptance of, improvements to and modifications of the human body (structure, function, abilities) beyond its species-typical boundaries." See source• With regard to the potential of nanotechnology to enhance humans, the President's Council on Bioethics said, "These technologies promise great benefits for humanity—such as increased productivity and creativity, longer lives, more serenity, stronger bodies and minds." See source• In 2000, David Resnick noted that scientists at a conference predicted that "within a few years researchers will develop techniques that can be used to enhance human traits." See sourceNegating evidence?• In light of recent developments in genetic research, scientists have been asked to make changes in things like skin color and muscle mass of patients.</p> |  |  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | While this probably could be accomplished with current technology, Dr. Christopher Evans and Dr. Scott McIvor say, "the possibility of harm would be difficult to justify for a cosmetic procedure and, more important, genetic enhancement of healthy people raises a host of difficult ethical questions."See source• "The American Medical Association's Council on Ethical and Judicial Affairs issued a policy statement in 1994 stating that efforts to enhance "desirable" characteristics through the insertion of a modified or additional gene, or efforts to "improve" complex human traits, are contrary not only to the ethical tradition of medicine but also to the egalitarian values of our society."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
| N                               | Valid              | 43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |
|                                 | Missing            | 149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |
| Central Tendency and Dispersion | Mean               | 2.44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
|                                 | Standard Deviation | 1.007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7  | 3.6% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19 | 9.9% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8  | 4.2% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9  | 4.7% |

#### a5ctc\_rate\_2\_x3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1045  |       |         |

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|
|                                 | Label              | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?- Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to one's children.See evidenceSupporting evidence?• Scientists believe that every human has about 25,000 genes per cell. A mutation, or change, in any one of these genes can result in a disease, physical disability, or shortened life span. These mutations can be passed from one generation to another, inherited just like a mother's red hair or a father's brown eyes.Negating evidence?• David King of Human Genetics Alert says, "Currently, genetic engineering is only applied to non-reproductive cells (this is known as 'gene therapy') in order to treat diseases in a single patient, rather than in all their descendants. Gene therapy is still very unsuccessful, and we are often told that the prospect of reproductive genetic engineering is remote."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |   |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |      |
| N                               | Valid              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |      |
|                                 | Missing            | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |      |
| Central Tendency and Dispersion | Mean               | 2.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |
|                                 | Standard Deviation | .651                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | 0.5% |

|  |   |          |    |      |
|--|---|----------|----|------|
|  | 2 | Somewhat | 18 | 9.4% |
|  | 3 | Mostly   | 16 | 8.3% |
|  | 4 | Entirely | 2  | 1.0% |
|  |   |          |    |      |

a5ctc\_rate\_2\_x4

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1046  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?-When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. See evidenceSupporting evidence?• An article by the Richmond Journal of Law and Technology reminds us that "[t]he extraordinarily small size of nanoproducts results in unusual properties that go beyond the normal law of physics, which makes working with them quite unpredictable." See source• A recent article in the Medical Journal of Australia states that "safety regulation of nanotherapeutics may present unique risk assessment challenges, given the novelty and variety of products, high mobility and reactivity of engineered nanoparticles, and blurring of the diagnostic and therapeutic classifications of "medicines" and "medical devices". See sourceNegating evidence?• The Law Journal of Medicine and Ethics ran an article in 2006 which stated, "risk often provokes the precautionary principle, a guide for human activities to prevent harm to human health and the environment. It is not a new principle and is often a formula for doing nothing in its strictest form or, in its active form it means choosing a less risky alternative and taking responsibility for any potential risks." That is to say, the risks of mistakes with nanotechnology are no different than the risks we take in other</p> |  |
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|                                 |                    |                                                                                                                                   |    |      |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | areas. See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                           |    |      |
|                                 | Format             | F8                                                                                                                                |    |      |
|                                 | Measurement        | Scale                                                                                                                             |    |      |
| N                               | Valid              | 35                                                                                                                                |    |      |
|                                 | Missing            | 157                                                                                                                               |    |      |
| Central Tendency and Dispersion | Mean               | 2.37                                                                                                                              |    |      |
|                                 | Standard Deviation | .910                                                                                                                              |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                              |    |      |
|                                 | Percentile 50      | 2.00                                                                                                                              |    |      |
| Labeled Values                  | Percentile 75      | 3.00                                                                                                                              |    |      |
|                                 | 1                  | Not at all                                                                                                                        | 5  | 2.6% |
|                                 | 2                  | Somewhat                                                                                                                          | 17 | 8.9% |
|                                 | 3                  | Mostly                                                                                                                            | 8  | 4.2% |
|                                 | 4                  | Entirely                                                                                                                          | 5  | 2.6% |

a5ctc\_rate\_2\_x5

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1047  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?-Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. See evidenceSupporting evidence?• In his 2007 paper, Patrick Lin looks at both sides of the issue: "On one side, experts argue that nanomaterials, which are making their way into the marketplace today, are possibly harmful to consumers and the environment, so stronger and new laws are needed to ensure they are safe. On the other side, different experts argue that more regulation will slow down the pace of business and innovation in nanotechnology." See source• Howard Schachman, Biology Professor at the University of California at Berkeley, posits that, "scientists temperamentally and culturally are skeptical about the legitimacy of rules; instinctively they tend to oppose regulations as an unnecessary burden impeding research." He adds that they "express frustration over those government regulations which are imposed as a result of political pressures, provide very little benefit, appear ill-advised or poorly crafted, are costly and do indeed impede scientific research." Negating evidence?• According to an Arizona State University study, "leading U.S. scientists in nanotechnology believe regulations are most urgently needed in the areas of surveillance and privacy, human enhancement, medicine and the</p> |  |  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | environment."See source• Norris Alderson, who was on the FDA task force for nanomedicine says, "We reached a number of conclusions. Perhaps the most important is that, for now, this technology is really no different than any other new technology that would be incorporated into FDA products. So with that in mind, we feel comfortable, if you will, using our present regulatory framework. However, we felt there is need for guidance to help this industry as it moves forward. We recognized a need for additional information in various areas, such as biosafety. FDA and other agencies are working together on that. But for now, we just do not see the need for regulations written specifically for nano-engineered materials in the products FDA regulates."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
| N                               | Valid              | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Missing            | 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |      |
| Central Tendency and Dispersion | Mean               | 2.61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Standard Deviation | .832                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1  | 0.5% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14 | 7.3% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8  | 4.2% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5  | 2.6% |

**a5ctc\_rate\_2\_x6**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1048  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?-Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. See evidence Supporting evidence?• Dr Patrick Lin, director of The Nanoethics Group says, "We need to find a reasonable balance that responsibly promotes innovation in nanotechnology while at the same time safeguards EHS [environmental health and safety] interests." See source• Eric Berger, science reporter for the Houston Chronicle, says "by finding areas in which nanotechnology may pose even a theoretical threat, they're also opening the door to more stringent regulation, which at some point may strangle the development of small, cash-strapped companies that are trying to commercialize innovative nano ideas." See source• According to a 2010 article on thescientist.com, "Biomedical science as it is practiced today in the United States in academic institutions is largely an enterprise, and a very large enterprise, supported with public funds from the national government. Due to the real risks for lapses in safety or ethics and the appropriate expectation for some form of accountability, research supported by money from the National Institutes of Health (NIH) or other federal sources is expected to comply with rules and regulations intended to minimize the chances for breaches in safety or ethics or for inappropriate use of research funding.</p> |  |  |
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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |    |       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|-------|
|                                 | While many of these regulatory regimes are well-intentioned, collectively, they have come to represent an immense burden that stifles creativity and discourages timely implementation of research ideas resulting from new insights or inspirations."See sourceNegating evidence?• Tim Malloy, of the UCLA School of Law Sustainable Technology and Policy Program says, "Nanotechnology raises substantial scientific and policy issues regarding both risk assessment and standard setting, provoking calls for further study and "soft law" approaches relying upon voluntary action by industry rather than mandatory regulation."See source• In 2006, nanotechweb.org argued that, "The anticipated rapid emergence of nanotechnology brings significant regulatory challenges for environmental protection. A lack of regulation will undermine public confidence in the emerging technology."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |       |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Numeric    |    |       |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F8         |    |       |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Scale      |    |       |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37         |    |       |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 155        |    |       |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.08       |    |       |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | .722       |    |       |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00       |    |       |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00       |    |       |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00       |    |       |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not at all | 7  | 3.6%  |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Somewhat   | 21 | 10.9% |
|                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Mostly     | 8  | 4.2%  |
|                                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Entirely   | 1  | 0.5%  |

a5ctc\_rate\_2\_x7

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1049  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
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| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. See evidenceSupporting evidence?• A National Citizens' Technology Forum Report on Nanotechnology states that "A critically important aspect of manipulating matter at the nanoscale is that a material's properties can...exhibit new properties, such as electrical conductivity, elasticity, enhanced strength, different colors, and different reactivity, when compared to the same material at "normal" scale. This means...that using materials at the nanoscale can mean the creation of new materials that can be beneficial in many ways. It also means that we cannot assume that materials that are safe and harmless at normal scales are necessarily safe and harmless at the nanoscale."See source• Andrew Maynard, head of the University of Michigan Risk Science Center, offers an example: "Gold is an inert, yellowish metal—everyone knows this." He continues, "But form gold into particles just a few nanometers across, and everything changes—the metal does the equivalent of transforming from a cat into a dog. Instead of appearing yellowish in color, the particles now appear red, and become highly chemically active."See sourceNegating evidence?• None</p> |  |  |
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|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                               |    |      |
|                                 | Format             | F8                                                                                                                    |    |      |
|                                 | Measurement        | Scale                                                                                                                 |    |      |
| N                               | Valid              | 34                                                                                                                    |    |      |
|                                 | Missing            | 158                                                                                                                   |    |      |
| Central Tendency and Dispersion | Mean               | 2.79                                                                                                                  |    |      |
|                                 | Standard Deviation | .729                                                                                                                  |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                  |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                  |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                  |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                            | 0  | 0.0% |
|                                 | 2                  | Somewhat                                                                                                              | 13 | 6.8% |
|                                 | 3                  | Mostly                                                                                                                | 15 | 7.8% |
|                                 | 4                  | Entirely                                                                                                              | 6  | 3.1% |

a5ctc\_rate\_2\_x8

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1050  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?- Nanogenomics will someday let people choose the genetic make up of their children. See evidence Supporting evidence? • As Jeff Steinberg of LA's Fertility Institutes says, "This is cosmetic medicine... Others are frightened by the criticism but we have no problems with it." Trait selection in babies "is a service," says Dr. Steinberg, and "[w]e intend to offer it soon." See source • Stanford University's Cross-cultural Rhetoric Project acknowledges that "PGD (Preimplantation Genetic Diagnosis) has been used to create 'Designer Babies'." "Designer baby" is a term used to refer to a baby whose genetic makeup has been artificially selected by genetic engineering. The procedure used to create these genetically modified babies ensures the presence or absence of particular genes or characteristics." See source Negating evidence? • Geneticist and blogger, Minerva reminds us that "the opportunity to alter a relatively "simple" trait such as height will be available long before we figure out the soup of probable genetic determinants of "empathy", so physical trait enhancement will surely precede character trait enhancement." See source • According to a 2009 Science Daily article, "A new study by researchers at NYU Langone Medical Center found a high desire for additional genetic testing among consumers for life altering and threatening medical</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 |                    | conditions including mental retardation, blindness, deafness, cancer, heart disease, dwarfism and shortened lifespan from death by 5 years of age. Consumers, however, are less interested in prenatal genetic testing for traits including tall stature, superior athletic ability and superior intelligence."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |       |
| Type                            |                    | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |       |
| Format                          |                    | F8                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |       |
| Measurement                     |                    | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |       |
| N                               | Valid              | 32                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |       |
|                                 | Missing            | 160                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |       |
| Central Tendency and Dispersion | Mean               | 2.31                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |       |
|                                 | Standard Deviation | .535                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                | 1  | 0.5%  |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20 | 10.4% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11 | 5.7%  |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0  | 0.0%  |
|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |       |

a5ctc\_rate\_2\_x13

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1051  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?-Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. See evidence Supporting evidence?• "Among the long term objectives of the NIH initiative are goals such as being able to use nanoparticles to seek out cancer cells before tumors grow, remove and/ or replace "broken" parts of cells or cell mechanisms with miniature, molecular-sized biological "machines", and use similar "machines" as pumps or robots to deliver medicines when and where needed within the body. All of these ideas are feasible based on present technology." Subsequently, delaying this research is risking the lives of the people who could benefit from these treatments. See source• In 2005, a CNN article said that, "by attaching a chemotherapeutic drug to manmade nanoparticles, the team of researchers at the University of Michigan were able to smuggle it inside cancerous cells, delaying the growth of tumors in mice by up to 30 days -- the equivalent of three years in a human. Professor of biologic nanotechnology James Baker, who led the research, said that the treatment might eventually turn cancer into a chronic but treatable condition." See source• According to John Miller, a lawyer specializing in law and technology, "a lack of agency preparation could take the form of unnecessary delays in patient access.</p> |  |  |
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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |    |      |
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|                                 | Inadequate resources combined with a growing caseload, an inefficient regulatory structure, a lack of expertise, or FDA reviewers exercising extreme caution could all result in the FDA taking excessive amounts of time to review new technologies."See sourceNegating evidence?• John Miller also points out that "If a lack of agency preparation results in hasty approval of dangerous therapies and a failure to effectively monitor clinical research, patients could be exposed to a significant risk of harm during clinical trials."See source• In the Australian and New Zealand Journal of Public Health, researchers wrote that the "regulatory regimes do not adequately capture the potential risks associated with this new technology. Concerns have arisen due to preliminary evidence suggesting that some engineered nanoparticles may display undesirable toxicological properties, presenting potential risks to human and environmental health and safety."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Numeric    |    |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | F8         |    |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Scale      |    |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 36         |    |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 156        |    |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.86       |    |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | .899       |    |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.00       |    |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.00       |    |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.00       |    |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not at all | 14 | 7.3% |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Somewhat   | 16 | 8.3% |
|                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Mostly     | 3  | 1.6% |

|   |          |   |      |
|---|----------|---|------|
| 4 | Entirely | 3 | 1.6% |
|---|----------|---|------|

#### a5ctc\_rate\_2\_x14

|                                 |             | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Count | Percent |
|---------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 1052                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |         |
|                                 | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Accurately is the claim stated?- Nanogenomic technology is being used to diagnose (not just treat) diseases. See evidenceSupporting evidence?• According to the magazine New Scientist, Dr. Christine Keating and her colleagues at Pennsylvania State University have created a chip consisting of a series of nanowires coated with DNA sequences that match those from disease-causing bacteria or viruses that can be used to diagnose a variety of medical conditions. See source • A National Citizens' Technology Forum Report on Nanotechnology states that nanotechnology may lead to "dramatic diagnostic improvements", including using "nanoscale particles to dramatically enhance physicians' ability to detect very minute amounts of specific disease-related molecules in the body." See sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |       |         |
|                                 | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |         |
|                                 | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |         |
|                                 | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |         |
| N                               | Valid       | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |         |
|                                 | Missing     | 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean        | 2.67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |         |

|                |                    |            |      |    |      |
|----------------|--------------------|------------|------|----|------|
|                | Standard Deviation |            | .758 |    |      |
|                | Percentile 25      |            | 2.00 |    |      |
|                | Percentile 50      |            | 3.00 |    |      |
|                | Percentile 75      |            | 3.00 |    |      |
| Labeled Values | 1                  | Not at all |      | 1  | 0.5% |
|                | 2                  | Somewhat   |      | 12 | 6.3% |
|                | 3                  | Mostly     |      | 13 | 6.8% |
|                | 4                  | Entirely   |      | 4  | 2.1% |

**a5ctc\_rate\_3\_x1**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1053  |       |         |

|                                 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
|---------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                 | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?- Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. See evidenceSupporting evidence?• Some note that such procedures are already being considered: "It's technically feasible and it can be done," says Mark Hughes, a pioneer of the PGD process and director of Genesis Genetics Institute, a large fertility laboratory in Detroit. However, he adds that 'no legitimate lab would get into it and, if they did, they'd be ostracized.'" See source • Nanotechnology may simply be an additional tool for achieving such aims, as suggested by this author: "Nanorobots could change your physical appearance. They could be programmed to perform cosmetic surgery, rearranging your atoms to change your ears, nose, eye color or any other physical feature you wish to alter." See sourceNegating evidence?• At the end of the article referencing the potential of nanorobots above, the author states that, in general, "Many nanotechnology experts feel that these applications are well outside the realm of possibility, at least for the foreseeable future." See source |  |  |
|                                 | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                 | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                                 | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
| N                               | Valid       | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                                 | Missing     | 159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Central Tendency and Dispersion | Mean        | 2.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |

|                |                    |            |      |      |  |
|----------------|--------------------|------------|------|------|--|
|                | Standard Deviation |            | .869 |      |  |
|                | Percentile 25      |            | 2.00 |      |  |
|                | Percentile 50      |            | 3.00 |      |  |
|                | Percentile 75      |            | 3.00 |      |  |
| Labeled Values | 1                  | Not at all | 5    | 2.6% |  |
|                | 2                  | Somewhat   | 11   | 5.7% |  |
|                | 3                  | Mostly     | 14   | 7.3% |  |
|                | 4                  | Entirely   | 3    | 1.6% |  |

a5ctc\_rate\_3\_x2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1054  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?-People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. See evidenceSupporting evidence?• Dr. Gregor Wolbring reminds us that "the ever increasing appearance of internal and external enhancements of the human body – driven by lucrative and big business sport disciplines on one hand and the medical technology to deal with injuries on the other – enables a culture of increasing demand for, and acceptance of, improvements to and modifications of the human body (structure, function, abilities) beyond its species-typical boundaries." See source• With regard to the potential of nanotechnology to enhance humans, the President's Council on Bioethics said, "These technologies promise great benefits for humanity—such as increased productivity and creativity, longer lives, more serenity, stronger bodies and minds." See source• In 2000, David Resnick noted that scientists at a conference predicted that "within a few years researchers will develop techniques that can be used to enhance human traits." See sourceNegating evidence?• In light of recent developments in genetic research, scientists have been asked to make changes in things like skin color and muscle mass of patients.</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |      |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | While this probably could be accomplished with current technology, Dr. Christopher Evans and Dr. Scott McIvor say, "the possibility of harm would be difficult to justify for a cosmetic procedure and, more important, genetic enhancement of healthy people raises a host of difficult ethical questions."See source• "The American Medical Association's Council on Ethical and Judicial Affairs issued a policy statement in 1994 stating that efforts to enhance "desirable" characteristics through the insertion of a modified or additional gene, or efforts to "improve" complex human traits, are contrary not only to the ethical tradition of medicine but also to the egalitarian values of our society."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
| N                               | Valid              | 43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |
|                                 | Missing            | 149                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |
| Central Tendency and Dispersion | Mean               | 2.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
|                                 | Standard Deviation | .849                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3  | 1.6% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 18 | 9.4% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15 | 7.8% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7  | 3.6% |

a5ctc\_rate\_3\_x3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1055  |       |         |

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |      |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|
|                                 | Label              | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?- Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to one's children.See evidenceSupporting evidence?• Scientists believe that every human has about 25,000 genes per cell. A mutation, or change, in any one of these genes can result in a disease, physical disability, or shortened life span. These mutations can be passed from one generation to another, inherited just like a mother's red hair or a father's brown eyes.Negating evidence?• David King of Human Genetics Alert says, "Currently, genetic engineering is only applied to non-reproductive cells (this is known as 'gene therapy') in order to treat diseases in a single patient, rather than in all their descendants. Gene therapy is still very unsuccessful, and we are often told that the prospect of reproductive genetic engineering is remote."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |   |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |      |
| N                               | Valid              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |
|                                 | Missing            | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |      |
| Central Tendency and Dispersion | Mean               | 2.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |
|                                 | Standard Deviation | .692                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2 | 1.0% |

|  |   |          |    |      |
|--|---|----------|----|------|
|  | 2 | Somewhat | 17 | 8.9% |
|  | 3 | Mostly   | 16 | 8.3% |
|  | 4 | Entirely | 2  | 1.0% |
|  |   |          |    |      |

a5ctc\_rate\_3\_x4

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1056  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?-When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. See evidenceSupporting evidence?• An article by the Richmond Journal of Law and Technology reminds us that "[t]he extraordinarily small size of nanoproducts results in unusual properties that go beyond the normal law of physics, which makes working with them quite unpredictable." See source• A recent article in the Medical Journal of Australia states that "safety regulation of nanotherapeutics may present unique risk assessment challenges, given the novelty and variety of products, high mobility and reactivity of engineered nanoparticles, and blurring of the diagnostic and therapeutic classifications of "medicines" and "medical devices". See sourceNegating evidence?• The Law Journal of Medicine and Ethics ran an article in 2006 which stated, "risk often provokes the precautionary principle, a guide for human activities to prevent harm to human health and the environment. It is not a new principle and is often a formula for doing nothing in its strictest form or, in its active form it means choosing a less risky alternative and taking responsibility for any potential risks." That is to say, the risks of mistakes with nanotechnology are no different than the risks we take in other</p> |  |
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|                                 |                    |                                                                                                                                   |    |      |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | areas. See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                           |    |      |
|                                 | Format             | F8                                                                                                                                |    |      |
|                                 | Measurement        | Scale                                                                                                                             |    |      |
| N                               | Valid              | 35                                                                                                                                |    |      |
|                                 | Missing            | 157                                                                                                                               |    |      |
| Central Tendency and Dispersion | Mean               | 2.49                                                                                                                              |    |      |
|                                 | Standard Deviation | .702                                                                                                                              |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                              |    |      |
|                                 | Percentile 50      | 2.00                                                                                                                              |    |      |
| Labeled Values                  | Percentile 75      | 3.00                                                                                                                              |    |      |
|                                 | 1                  | Not at all                                                                                                                        | 1  | 0.5% |
|                                 | 2                  | Somewhat                                                                                                                          | 19 | 9.9% |
|                                 | 3                  | Mostly                                                                                                                            | 12 | 6.3% |
|                                 | 4                  | Entirely                                                                                                                          | 3  | 1.6% |

a5ctc\_rate\_3\_x5

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1057  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?-Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. See evidenceSupporting evidence?• In his 2007 paper, Patrick Lin looks at both sides of the issue: "On one side, experts argue that nanomaterials, which are making their way into the marketplace today, are possibly harmful to consumers and the environment, so stronger and new laws are needed to ensure they are safe. On the other side, different experts argue that more regulation will slow down the pace of business and innovation in nanotechnology." See source• Howard Schachman, Biology Professor at the University of California at Berkeley, posits that, "scientists temperamentally and culturally are skeptical about the legitimacy of rules; instinctively they tend to oppose regulations as an unnecessary burden impeding research." He adds that they "express frustration over those government regulations which are imposed as a result of political pressures, provide very little benefit, appear ill-advised or poorly crafted, are costly and do indeed impede scientific research." Negating evidence?• According to an Arizona State University study, "leading U.S. scientists in nanotechnology believe regulations are most urgently needed in the areas of surveillance and privacy, human enhancement, medicine and the</p> |  |  |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | environment."See source• Norris Alderson, who was on the FDA task force for nanomedicine says, "We reached a number of conclusions. Perhaps the most important is that, for now, this technology is really no different than any other new technology that would be incorporated into FDA products. So with that in mind, we feel comfortable, if you will, using our present regulatory framework. However, we felt there is need for guidance to help this industry as it moves forward. We recognized a need for additional information in various areas, such as biosafety. FDA and other agencies are working together on that. But for now, we just do not see the need for regulations written specifically for nano-engineered materials in the products FDA regulates."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
| N                               | Valid              | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Missing            | 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |      |
| Central Tendency and Dispersion | Mean               | 2.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Standard Deviation | .863                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2  | 1.0% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10 | 5.2% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11 | 5.7% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5  | 2.6% |

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|                     |          | Value | Count | Percent |
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| Standard Attributes | Position | 1058  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?-Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. See evidence Supporting evidence?• Dr Patrick Lin, director of The Nanoethics Group says, "We need to find a reasonable balance that responsibly promotes innovation in nanotechnology while at the same time safeguards EHS [environmental health and safety] interests." See source• Eric Berger, science reporter for the Houston Chronicle, says "by finding areas in which nanotechnology may pose even a theoretical threat, they're also opening the door to more stringent regulation, which at some point may strangle the development of small, cash-strapped companies that are trying to commercialize innovative nano ideas." See source• According to a 2010 article on thescientist.com, "Biomedical science as it is practiced today in the United States in academic institutions is largely an enterprise, and a very large enterprise, supported with public funds from the national government. Due to the real risks for lapses in safety or ethics and the appropriate expectation for some form of accountability, research supported by money from the National Institutes of Health (NIH) or other federal sources is expected to comply with rules and regulations intended to minimize the chances for breaches in safety or ethics or for inappropriate use of research funding.</p> |  |  |
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|                                 | While many of these regulatory regimes are well-intentioned, collectively, they have come to represent an immense burden that stifles creativity and discourages timely implementation of research ideas resulting from new insights or inspirations."See sourceNegating evidence?• Tim Malloy, of the UCLA School of Law Sustainable Technology and Policy Program says, "Nanotechnology raises substantial scientific and policy issues regarding both risk assessment and standard setting, provoking calls for further study and "soft law" approaches relying upon voluntary action by industry rather than mandatory regulation."See source• In 2006, nanotechweb.org argued that, "The anticipated rapid emergence of nanotechnology brings significant regulatory challenges for environmental protection. A lack of regulation will undermine public confidence in the emerging technology."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |       |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Numeric    |    |       |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F8         |    |       |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Scale      |    |       |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37         |    |       |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 155        |    |       |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.49       |    |       |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | .804       |    |       |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00       |    |       |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00       |    |       |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.00       |    |       |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not at all | 2  | 1.0%  |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Somewhat   | 20 | 10.4% |
|                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Mostly     | 10 | 5.2%  |
|                                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Entirely   | 5  | 2.6%  |

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|                     |          | Value | Count | Percent |
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| Standard Attributes | Position | 1059  |       |         |

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| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. See evidenceSupporting evidence?• A National Citizens' Technology Forum Report on Nanotechnology states that "A critically important aspect of manipulating matter at the nanoscale is that a material's properties can...exhibit new properties, such as electrical conductivity, elasticity, enhanced strength, different colors, and different reactivity, when compared to the same material at "normal" scale. This means...that using materials at the nanoscale can mean the creation of new materials that can be beneficial in many ways. It also means that we cannot assume that materials that are safe and harmless at normal scales are necessarily safe and harmless at the nanoscale."See source• Andrew Maynard, head of the University of Michigan Risk Science Center, offers an example: "Gold is an inert, yellowish metal—everyone knows this." He continues, "But form gold into particles just a few nanometers across, and everything changes—the metal does the equivalent of transforming from a cat into a dog. Instead of appearing yellowish in color, the particles now appear red, and become highly chemically active."See sourceNegating evidence?• None</p> |  |  |
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|                                 |                    | foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                               |    |      |
|                                 | Format             | F8                                                                                                                    |    |      |
|                                 | Measurement        | Scale                                                                                                                 |    |      |
| N                               | Valid              | 34                                                                                                                    |    |      |
|                                 | Missing            | 158                                                                                                                   |    |      |
| Central Tendency and Dispersion | Mean               | 2.68                                                                                                                  |    |      |
|                                 | Standard Deviation | .843                                                                                                                  |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                  |    |      |
|                                 | Percentile 50      | 2.50                                                                                                                  |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                  |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                            | 1  | 0.5% |
|                                 | 2                  | Somewhat                                                                                                              | 16 | 8.3% |
|                                 | 3                  | Mostly                                                                                                                | 10 | 5.2% |
|                                 | 4                  | Entirely                                                                                                              | 7  | 3.6% |

a5ctc\_rate\_3\_x8

|                     |          | Value | Count | Percent |
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| Standard Attributes | Position | 1060  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
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| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?-</p> <p>Nanogenomics will someday let people choose the genetic make up of their children. See evidence Supporting evidence? • As Jeff Steinberg of LA's Fertility Institutes says, "This is cosmetic medicine... Others are frightened by the criticism but we have no problems with it."</p> <p>Trait selection in babies "is a service," says Dr. Steinberg, and "[w]e intend to offer it soon." See source • Stanford University's Cross-cultural Rhetoric Project acknowledges that "PGD (Preimplantation Genetic Diagnosis) has been used to create 'Designer Babies'.</p> <p>'Designer baby' is a term used to refer to a baby whose genetic makeup has been artificially selected by genetic engineering. The procedure used to create these genetically modified babies ensures the presence or absence of particular genes or characteristics." See source Negating evidence? • Geneticist and blogger, Minerva reminds us that "the opportunity to alter a relatively "simple" trait such as height will be available long before we figure out the soup of probable genetic determinants of "empathy", so physical trait enhancement will surely precede character trait enhancement." See source • According to a 2009 Science Daily article, "A new study by researchers at NYU Langone Medical Center found a high desire for additional genetic testing among consumers for life altering and threatening medical</p> |  |  |
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|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
|                                 |                    | conditions including mental retardation, blindness, deafness, cancer, heart disease, dwarfism and shortened lifespan from death by 5 years of age. Consumers, however, are less interested in prenatal genetic testing for traits including tall stature, superior athletic ability and superior intelligence."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |         |       |
|                                 |                    | Type                                                                                                                                                                                                                                                                                                                                                                                                                                      | Numeric |       |
|                                 |                    | Format                                                                                                                                                                                                                                                                                                                                                                                                                                    | F8      |       |
|                                 |                    | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                               | Scale   |       |
| N                               | Valid              |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 32      |       |
|                                 | Missing            |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 160     |       |
| Central Tendency and Dispersion | Mean               |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.44    |       |
|                                 | Standard Deviation |                                                                                                                                                                                                                                                                                                                                                                                                                                           | .759    |       |
|                                 | Percentile 25      |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.00    |       |
|                                 | Percentile 50      |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.00    |       |
|                                 | Percentile 75      |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.00    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                | 1       | 0.5%  |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20      | 10.4% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7       | 3.6%  |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4       | 2.1%  |
|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |

a5ctc\_rate\_3\_x13

|                     |          | Value | Count | Percent |
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| Standard Attributes | Position | 1061  |       |         |

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| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?- Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. See evidence Supporting evidence?• "Among the long term objectives of the NIH initiative are goals such as being able to use nanoparticles to seek out cancer cells before tumors grow, remove and/ or replace "broken" parts of cells or cell mechanisms with miniature, molecular-sized biological "machines", and use similar "machines" as pumps or robots to deliver medicines when and where needed within the body. All of these ideas are feasible based on present technology." Subsequently, delaying this research is risking the lives of the people who could benefit from these treatments. See source• In 2005, a CNN article said that, "by attaching a chemotherapeutic drug to manmade nanoparticles, the team of researchers at the University of Michigan were able to smuggle it inside cancerous cells, delaying the growth of tumors in mice by up to 30 days -- the equivalent of three years in a human. Professor of biologic nanotechnology James Baker, who led the research, said that the treatment might eventually turn cancer into a chronic but treatable condition." See source• According to John Miller, a lawyer specializing in law and technology, "a lack of agency preparation could take the form of unnecessary delays</p> |  |  |
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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |    |      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|------|
|                                 | in patient access. Inadequate resources combined with a growing caseload, an inefficient regulatory structure, a lack of expertise, or FDA reviewers exercising extreme caution could all result in the FDA taking excessive amounts of time to review new technologies."See sourceNegating evidence?• John Miller also points out that "If a lack of agency preparation results in hasty approval of dangerous therapies and a failure to effectively monitor clinical research, patients could be exposed to a significant risk of harm during clinical trials."See source• In the Australian and New Zealand Journal of Public Health, researchers wrote that the "regulatory regimes do not adequately capture the potential risks associated with this new technology. Concerns have arisen due to preliminary evidence suggesting that some engineered nanoparticles may display undesirable toxicological properties, presenting potential risks to human and environmental health and safety."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Numeric    |    |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | F8         |    |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Scale      |    |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 36         |    |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 156        |    |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.50       |    |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | .878       |    |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.00       |    |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.00       |    |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3.00       |    |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not at all | 3  | 1.6% |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Somewhat   | 18 | 9.4% |

|  |   |          |   |      |
|--|---|----------|---|------|
|  | 3 | Mostly   | 9 | 4.7% |
|  | 4 | Entirely | 6 | 3.1% |

#### a5ctc\_rate\_3\_x14

|                                 |             | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Count | Percent |
|---------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 1062                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |         |
|                                 | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Typical is evidence for the claim?- Nanogenomic technology is being used to diagnose (not just treat) diseases. See evidenceSupporting evidence?• According to the magazine New Scientist, Dr. Christine Keating and her colleagues at Pennsylvania State University have created a chip consisting of a series of nanowires coated with DNA sequences that match those from disease-causing bacteria or viruses that can be used to diagnose a variety of medical conditions. See source • A National Citizens' Technology Forum Report on Nanotechnology states that nanotechnology may lead to "dramatic diagnostic improvements", including using "nanoscale particles to dramatically enhance physicians' ability to detect very minute amounts of specific disease-related molecules in the body." See sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |       |         |
|                                 | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |         |
|                                 | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |         |
|                                 | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |         |
|                                 | Valid       | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |         |
|                                 | Missing     | 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |
|                                 | Mean        | 2.67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |         |
|                                 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |
|                                 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |
| Central Tendency and Dispersion |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |

|                |                    |            |      |      |  |
|----------------|--------------------|------------|------|------|--|
|                | Standard Deviation |            | .711 |      |  |
|                | Percentile 25      |            | 2.00 |      |  |
|                | Percentile 50      |            | 3.00 |      |  |
|                | Percentile 75      |            | 3.00 |      |  |
| Labeled Values | 1                  | Not at all | 0    | 0.0% |  |
|                | 2                  | Somewhat   | 14   | 7.3% |  |
|                | 3                  | Mostly     | 12   | 6.3% |  |
|                | 4                  | Entirely   | 4    | 2.1% |  |

a5ctc\_rate\_4\_x1

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1063  |       |         |

|   |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
|---|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|   | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?- Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. See evidenceSupporting evidence?• Some note that such procedures are already being considered: "It's technically feasible and it can be done,' says Mark Hughes, a pioneer of the PGD process and director of Genesis Genetics Institute, a large fertility laboratory in Detroit. However, he adds that 'no legitimate lab would get into it and, if they did, they'd be ostracized.'" See source • Nanotechnology may simply be an additional tool for achieving such aims, as suggested by this author: "Nanorobots could change your physical appearance. They could be programmed to perform cosmetic surgery, rearranging your atoms to change your ears, nose, eye color or any other physical feature you wish to alter." See sourceNegating evidence?• At the end of the article referencing the potential of nanorobots above, the author states that, in general, "Many nanotechnology experts feel that these applications are well outside the realm of possibility, at least for the foreseeable future." See source |  |  |
|   | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|   | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|   | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| N | Valid       | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|   | Missing     | 159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |

|                                 |                    |            |    |      |
|---------------------------------|--------------------|------------|----|------|
| Central Tendency and Dispersion | Mean               | 2.42       |    |      |
|                                 | Standard Deviation | .902       |    |      |
|                                 | Percentile 25      | 2.00       |    |      |
|                                 | Percentile 50      | 2.00       |    |      |
|                                 | Percentile 75      | 3.00       |    |      |
| Labeled Values                  | 1                  | Not at all | 4  | 2.1% |
|                                 | 2                  | Somewhat   | 16 | 8.3% |
|                                 | 3                  | Mostly     | 8  | 4.2% |
|                                 | 4                  | Entirely   | 5  | 2.6% |

a5ctc\_rate\_4\_x2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1064  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?-People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. See evidenceSupporting evidence?• Dr. Gregor Wolbring reminds us that "the ever increasing appearance of internal and external enhancements of the human body – driven by lucrative and big business sport disciplines on one hand and the medical technology to deal with injuries on the other – enables a culture of increasing demand for, and acceptance of, improvements to and modifications of the human body (structure, function, abilities) beyond its species-typical boundaries." See source• With regard to the potential of nanotechnology to enhance humans, the President's Council on Bioethics said, "These technologies promise great benefits for humanity—such as increased productivity and creativity, longer lives, more serenity, stronger bodies and minds." See source• In 2000, David Resnick noted that scientists at a conference predicted that "within a few years researchers will develop techniques that can be used to enhance human traits." See sourceNegating evidence?• In light of recent developments in genetic research, scientists have been asked to make changes in things like</p> |  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |    |      |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|------|
|                                 | skin color and muscle mass of patients. While this probably could be accomplished with current technology, Dr. Christopher Evans and Dr. Scott McIvor say, "the possibility of harm would be difficult to justify for a cosmetic procedure and, more important, genetic enhancement of healthy people raises a host of difficult ethical questions." See source• "The American Medical Association's Council on Ethical and Judicial Affairs issued a policy statement in 1994 stating that efforts to enhance "desirable" characteristics through the insertion of a modified or additional gene, or efforts to "improve" complex human traits, are contrary not only to the ethical tradition of medicine but also to the egalitarian values of our society." See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Numeric    |    |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | F8         |    |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Scale      |    |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 43         |    |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 149        |    |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.56       |    |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.181      |    |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.00       |    |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3.00       |    |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4.00       |    |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Not at all | 12 | 6.3% |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Somewhat   | 7  | 3.6% |
|                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mostly     | 12 | 6.3% |
|                                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Entirely   | 12 | 6.3% |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |    |      |

#### a5ctc\_rate\_4\_x3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1065  |       |         |

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                 | Label              | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?- Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to one's children. See evidenceSupporting evidence?• Scientists believe that every human has about 25,000 genes per cell. A mutation, or change, in any one of these genes can result in a disease, physical disability, or shortened life span. These mutations can be passed from one generation to another, inherited just like a mother's red hair or a father's brown eyes. Negating evidence?• David King of Human Genetics Alert says, "Currently, genetic engineering is only applied to non-reproductive cells (this is known as 'gene therapy') in order to treat diseases in a single patient, rather than in all their descendants. Gene therapy is still very unsuccessful, and we are often told that the prospect of reproductive genetic engineering is remote." See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |  |  |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
| N                               | Valid              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|                                 | Missing            | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Central Tendency and Dispersion | Mean               | 2.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|                                 | Standard Deviation | .936                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |

|                |               |            |    |      |
|----------------|---------------|------------|----|------|
|                | Percentile 75 | 3.00       |    |      |
| Labeled Values | 1             | Not at all | 11 | 5.7% |
|                | 2             | Somewhat   | 14 | 7.3% |
|                | 3             | Mostly     | 9  | 4.7% |
|                | 4             | Entirely   | 3  | 1.6% |

**a5ctc\_rate\_4\_x4**

|                     |          |       |       |         |
|---------------------|----------|-------|-------|---------|
|                     |          | Value | Count | Percent |
| Standard Attributes | Position | 1066  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?-When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. See evidenceSupporting evidence?• An article by the Richmond Journal of Law and Technology reminds us that "[t]he extraordinarily small size of nanoproducts results in unusual properties that go beyond the normal law of physics, which makes working with them quite unpredictable." See source• A recent article in the Medical Journal of Australia states that "safety regulation of nanotherapeutics may present unique risk assessment challenges, given the novelty and variety of products, high mobility and reactivity of engineered nanoparticles, and blurring of the diagnostic and therapeutic classifications of "medicines" and "medical devices". See sourceNegating evidence?• The Law Journal of Medicine and Ethics ran an article in 2006 which stated, "risk often provokes the precautionary principle, a guide for human activities to prevent harm to human health and the environment. It is not a new principle and is often a formula for doing nothing in its strictest form or, in its active form it means choosing a less risky alternative and taking responsibility for any potential risks." That is to say, the risks of mistakes with nanotechnology are</p> |  |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                                 |                    |                                                                                                                                                                                 |    |      |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | no different than the risks we take in other areas. See source Did you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                         |    |      |
|                                 | Format             | F8                                                                                                                                                                              |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                           |    |      |
| N                               | Valid              | 35                                                                                                                                                                              |    |      |
|                                 | Missing            | 157                                                                                                                                                                             |    |      |
| Central Tendency and Dispersion | Mean               | 1.94                                                                                                                                                                            |    |      |
|                                 | Standard Deviation | 1.136                                                                                                                                                                           |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                                                            |    |      |
|                                 | Percentile 50      | 1.00                                                                                                                                                                            |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                            |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                      | 18 | 9.4% |
|                                 | 2                  | Somewhat                                                                                                                                                                        | 6  | 3.1% |
|                                 | 3                  | Mostly                                                                                                                                                                          | 6  | 3.1% |
|                                 | 4                  | Entirely                                                                                                                                                                        | 5  | 2.6% |

a5ctc\_rate\_4\_x5

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1067  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?-Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. See evidence Supporting evidence?• In his 2007 paper, Patrick Lin looks at both sides of the issue: "On one side, experts argue that nanomaterials, which are making their way into the marketplace today, are possibly harmful to consumers and the environment, so stronger and new laws are needed to ensure they are safe. On the other side, different experts argue that more regulation will slow down the pace of business and innovation in nanotechnology." See source• Howard Schachman, Biology Professor at the University of California at Berkeley, posits that, "scientists temperamentally and culturally are skeptical about the legitimacy of rules; instinctively they tend to oppose regulations as an unnecessary burden impeding research." He adds that they "express frustration over those government regulations which are imposed as a result of political pressures, provide very little benefit, appear ill-advised or poorly crafted, are costly and do indeed impede scientific research." Negating evidence?• According to an Arizona State University study, "leading U.S. scientists in nanotechnology believe regulations are most urgently needed in the areas of surveillance and privacy, human</p> |  |  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |    |      |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----|------|
|                                 | enhancement, medicine and the environment."See source• Norris Alderson, who was on the FDA task force for nanomedicine says, "We reached a number of conclusions. Perhaps the most important is that, for now, this technology is really no different than any other new technology that would be incorporated into FDA products. So with that in mind, we feel comfortable, if you will, using our present regulatory framework. However, we felt there is need for guidance to help this industry as it moves forward. We recognized a need for additional information in various areas, such as biosafety. FDA and other agencies are working together on that. But for now, we just do not see the need for regulations written specifically for nano-engineered materials in the products FDA regulates."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |    |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Numeric    |    |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | F8         |    |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Scale      |    |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28         |    |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 164        |    |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.04       |    |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.170      |    |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.00       |    |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3.50       |    |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.00       |    |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Not at all | 5  | 2.6% |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Somewhat   | 3  | 1.6% |
|                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Mostly     | 6  | 3.1% |
|                                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Entirely   | 14 | 7.3% |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |    |      |

#### a5ctc\_rate\_4\_x6

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1068  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?-Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. See evidence Supporting evidence?• Dr Patrick Lin, director of The Nanoethics Group says, "We need to find a reasonable balance that responsibly promotes innovation in nanotechnology while at the same time safeguards EHS [environmental health and safety] interests." See source• Eric Berger, science reporter for the Houston Chronicle, says "by finding areas in which nanotechnology may pose even a theoretical threat, they're also opening the door to more stringent regulation, which at some point may strangle the development of small, cash-strapped companies that are trying to commercialize innovative nano ideas." See source• According to a 2010 article on thescientist.com, "Biomedical science as it is practiced today in the United States in academic institutions is largely an enterprise, and a very large enterprise, supported with public funds from the national government. Due to the real risks for lapses in safety or ethics and the appropriate expectation for some form of accountability, research supported by money from the National Institutes of Health (NIH) or other federal sources is expected to comply with rules and regulations intended to minimize the chances for breaches in safety or ethics or</p> |  |  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | for inappropriate use of research funding. While many of these regulatory regimes are well-intentioned, collectively, they have come to represent an immense burden that stifles creativity and discourages timely implementation of research ideas resulting from new insights or inspirations."See sourceNegating evidence?• Tim Malloy, of the UCLA School of Law Sustainable Technology and Policy Program says, "Nanotechnology raises substantial scientific and policy issues regarding both risk assessment and standard setting, provoking calls for further study and "soft law" approaches relying upon voluntary action by industry rather than mandatory regulation."See source• In 2006, nanotechweb.org argued that, "The anticipated rapid emergence of nanotechnology brings significant regulatory challenges for environmental protection. A lack of regulation will undermine public confidence in the emerging technology."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
| N                               | Valid              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Missing            | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |      |
| Central Tendency and Dispersion | Mean               | 3.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Standard Deviation | 1.013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3  | 1.6% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 9  | 4.7% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9  | 4.7% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16 | 8.3% |

a5ctc\_rate\_4\_x7

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1069  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. See evidenceSupporting evidence?• A National Citizens' Technology Forum Report on Nanotechnology states that "A critically important aspect of manipulating matter at the nanoscale is that a material's properties can...exhibit new properties, such as electrical conductivity, elasticity, enhanced strength, different colors, and different reactivity, when compared to the same material at "normal" scale. This means...that using materials at the nanoscale can mean the creation of new materials that can be beneficial in many ways. It also means that we cannot assume that materials that are safe and harmless at normal scales are necessarily safe and harmless at the nanoscale."See source• Andrew Maynard, head of the University of Michigan Risk Science Center, offers an example: "Gold is an inert, yellowish metal—everyone knows this." He continues, "But form gold into particles just a few nanometers across, and everything changes—the metal does the equivalent of transforming from a cat into a dog. Instead of appearing yellowish in color, the particles now appear red, and become highly chemically active."See</p> |  |  |
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|                                 |                    |                                                                                                                                                      |    |      |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                              |    |      |
|                                 | Format             | F8                                                                                                                                                   |    |      |
|                                 | Measurement        | Scale                                                                                                                                                |    |      |
| N                               | Valid              | 34                                                                                                                                                   |    |      |
|                                 | Missing            | 158                                                                                                                                                  |    |      |
| Central Tendency and Dispersion | Mean               | 1.88                                                                                                                                                 |    |      |
|                                 | Standard Deviation | .946                                                                                                                                                 |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                                 |    |      |
|                                 | Percentile 50      | 2.00                                                                                                                                                 |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                 |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                           | 15 | 7.8% |
|                                 | 2                  | Somewhat                                                                                                                                             | 10 | 5.2% |
|                                 | 3                  | Mostly                                                                                                                                               | 7  | 3.6% |
|                                 | 4                  | Entirely                                                                                                                                             | 2  | 1.0% |

a5ctc\_rate\_4\_x8

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1070  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?- Nanogenomics will someday let people choose the genetic make up of their children. See evidenceSupporting evidence?• As Jeff Steinberg of LA's Fertility Institutes says, "This is cosmetic medicine...Others are frightened by the criticism but we have no problems with it." Trait selection in babies "is a service," says Dr. Steinberg, and "[w]e intend to offer it soon." See source• Stanford University's Cross-cultural Rhetoric Project acknowledges that "PGD (Preimplantation Genetic Diagnosis) has been used to create 'Designer Babies'. 'Designer baby' is a term used to refer to a baby whose genetic makeup has been artificially selected by genetic engineering. The procedure used to create these genetically modified babies ensures the presence or absence of particular genes or characteristics." See sourceNegating evidence?• Geneticist and blogger, Minerva reminds us that "the opportunity to alter a relatively "simple" trait such as height will be available long before we figure out the soup of probable genetic determinants of "empathy", so physical trait enhancement will surely precede character trait enhancement." See source• According to a 2009 Science Daily article, "A new study by researchers at NYU Langone Medical Center found a high desire for additional genetic testing among consumers for life</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | altering and threatening medical conditions including mental retardation, blindness, deafness, cancer, heart disease, dwarfism and shortened lifespan from death by 5 years of age. Consumers, however, are less interested in prenatal genetic testing for traits including tall stature, superior athletic ability and superior intelligence."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
| N                               | Valid              | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Missing            | 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |      |
| Central Tendency and Dispersion | Mean               | 2.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Standard Deviation | .865                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6  | 3.1% |
|                                 | 2                  | Somewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11 | 5.7% |
|                                 | 3                  | Mostly                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 13 | 6.8% |
|                                 | 4                  | Entirely                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2  | 1.0% |

a5ctc\_rate\_4\_x13

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1071  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?-Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. See evidenceSupporting evidence?• "Among the long term objectives of the NIH initiative are goals such as being able to use nanoparticles to seek out cancer cells before tumors grow, remove and/ or replace "broken" parts of cells or cell mechanisms with miniature, molecular-sized biological "machines", and use similar "machines" as pumps or robots to deliver medicines when and where needed within the body. All of these ideas are feasible based on present technology." Subsequently, delaying this research is risking the lives of the people who could benefit from these treatments. See source• In 2005, a CNN article said that, "by attaching a chemotherapeutic drug to manmade nanoparticles, the team of researchers at the University of Michigan were able to smuggle it inside cancerous cells, delaying the growth of tumors in mice by up to 30 days -- the equivalent of three years in a human. Professor of biologic nanotechnology James Baker, who led the research, said that the treatment might eventually turn cancer into a chronic but treatable condition." See source• According to John Miller, a lawyer specializing in law and technology, "a lack of agency preparation could take the form of</p> |  |  |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |   |      |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---|------|
|                                 | unnecessary delays in patient access. Inadequate resources combined with a growing caseload, an inefficient regulatory structure, a lack of expertise, or FDA reviewers exercising extreme caution could all result in the FDA taking excessive amounts of time to review new technologies."See sourceNegating evidence?• John Miller also points out that "If a lack of agency preparation results in hasty approval of dangerous therapies and a failure to effectively monitor clinical research, patients could be exposed to a significant risk of harm during clinical trials."See source• In the Australian and New Zealand Journal of Public Health, researchers wrote that the "regulatory regimes do not adequately capture the potential risks associated with this new technology. Concerns have arisen due to preliminary evidence suggesting that some engineered nanoparticles may display undesirable toxicological properties, presenting potential risks to human and environmental health and safety."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |            |   |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Numeric    |   |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | F8         |   |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Scale      |   |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 36         |   |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 156        |   |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.19       |   |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | .980       |   |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.00       |   |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.50       |   |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4.00       |   |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not at all | 3 | 1.6% |

|  |   |          |    |      |
|--|---|----------|----|------|
|  | 2 | Somewhat | 5  | 2.6% |
|  | 3 | Mostly   | 10 | 5.2% |
|  | 4 | Entirely | 18 | 9.4% |

#### a5ctc\_rate\_4\_x14

|                     |             | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1072                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |         |
|                     | Label       | How would you rate these student claims? Below are some claims that prior students offered as suppo... : How Relevant is the claim to the ANTI-Regulation perspective?- Nanogenomic technology is being used to diagnose (not just treat) diseases. See evidenceSupporting evidence?• According to the magazine New Scientist, Dr. Christine Keating and her colleagues at Pennsylvania State University have created a chip consisting of a series of nanowires coated with DNA sequences that match those from disease-causing bacteria or viruses that can be used to diagnose a variety of medical conditions. See source • A National Citizens' Technology Forum Report on Nanotechnology states that nanotechnology may lead to "dramatic diagnostic improvements", including using "nanoscale particles to dramatically enhance physicians' ability to detect very minute amounts of specific disease-related molecules in the body." See sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |       |         |
|                     | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |         |
|                     | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |
| N                   | Valid       | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |         |

|                                 |                    |            |    |      |
|---------------------------------|--------------------|------------|----|------|
|                                 | Missing            | 162        |    |      |
| Central Tendency and Dispersion | Mean               | 2.57       |    |      |
|                                 | Standard Deviation | 1.006      |    |      |
|                                 | Percentile 25      | 2.00       |    |      |
|                                 | Percentile 50      | 3.00       |    |      |
|                                 | Percentile 75      | 3.00       |    |      |
| Labeled Values                  | 1                  | Not at all | 5  | 2.6% |
|                                 | 2                  | Somewhat   | 9  | 4.7% |
|                                 | 3                  | Mostly     | 10 | 5.2% |
|                                 | 4                  | Entirely   | 6  | 3.1% |

### a5Tctpg\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1073               |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 69                 |
|                                 | Missing            | 123                |
| Central Tendency and Dispersion | Mean               | 1105.7432          |
|                                 | Standard Deviation | 8905.40035         |
|                                 | Percentile 25      | 10.4860            |
|                                 | Percentile 50      | 25.0130            |
|                                 | Percentile 75      | 49.4360            |

### a5Tctpg\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 1074              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 69                |
|                                 | Missing            | 123               |
| Central Tendency and Dispersion | Mean               | 1964.1372         |
|                                 | Standard Deviation | 9129.97752        |
|                                 | Percentile 25      | 268.8930          |
|                                 | Percentile 50      | 467.1850          |
|                                 | Percentile 75      | 835.2400          |

### a5Tctpg\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1075               |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 69                 |
|                                 | Missing            | 123                |
| Central Tendency and Dispersion | Mean               | 2018.7251          |
|                                 | Standard Deviation | 9123.50713         |
|                                 | Percentile 25      | 361.5770           |
|                                 | Percentile 50      | 547.7950           |
|                                 | Percentile 75      | 907.9300           |

### a5Tctpg\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1076               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 69                 |
|                                 | Missing            | 123                |
| Central Tendency and Dispersion | Mean               | 53.7681            |
|                                 | Standard Deviation | 25.15899           |
|                                 | Percentile 25      | 35.0000            |
|                                 | Percentile 50      | 51.0000            |
|                                 | Percentile 75      | 68.0000            |

### Q333

|                                 |                    | Value                                                                                                |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 1077                                                                                                 |
|                                 | Label              | Example On the next page, your task will be to identify claims that "answer" one another relating... |
|                                 | Type               | Numeric                                                                                              |
|                                 | Format             | F8                                                                                                   |
|                                 | Measurement        | Scale                                                                                                |
| N                               | Valid              | 67                                                                                                   |
|                                 | Missing            | 125                                                                                                  |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                 |
|                                 | Standard Deviation | .000                                                                                                 |
|                                 | Percentile 25      | 1.00                                                                                                 |
|                                 | Percentile 50      | 1.00                                                                                                 |
|                                 | Percentile 75      | 1.00                                                                                                 |

### a5io\_ex\_1\_1

|                                 |                    | Value                                                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1078                                                                                                                                                                                          |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Which perspective does this claim support?-It costs \$10 a box, and that is too much! |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                         |       |         |
| N                               | Valid              | 67                                                                                                                                                                                            |       |         |
|                                 | Missing            | 125                                                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 2.09                                                                                                                                                                                          |       |         |
|                                 | Standard Deviation | .417                                                                                                                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | PRO- Detergent X                                                                                                                                                                              | 1     | 0.5%    |
|                                 | 2                  | ANTI- Detergent X                                                                                                                                                                             | 61    | 31.8%   |
|                                 | 3                  | Both                                                                                                                                                                                          | 3     | 1.6%    |

|   |         |   |      |
|---|---------|---|------|
| 4 | Neither | 2 | 1.0% |
|---|---------|---|------|

### a5io\_ex\_1\_2

|                                 |                    | Value                                                                                                                                                                                          | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1079                                                                                                                                                                                           |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Which perspective does this claim support?-It does not cost as much as some detergents |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                          |       |         |
|                                 |                    |                                                                                                                                                                                                |       |         |
| N                               | Valid              | 67                                                                                                                                                                                             |       |         |
|                                 | Missing            | 125                                                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 1.60                                                                                                                                                                                           |       |         |
|                                 | Standard Deviation | .986                                                                                                                                                                                           |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                           |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                           |       |         |
| Labeled Values                  | 1                  | PRO- Detergent X                                                                                                                                                                               | 48    | 25.0%   |
|                                 | 2                  | ANTI- Detergent X                                                                                                                                                                              | 1     | 0.5%    |
|                                 | 3                  | Both                                                                                                                                                                                           | 15    | 7.8%    |
|                                 | 4                  | Neither                                                                                                                                                                                        | 3     | 1.6%    |

### a5io\_ex\_1\_3

|                                 |                    | Value                                                                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1080                                                                                                                                                                                       |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Which perspective does this claim support?-It does not dissolve well in cold water |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                                                                            |       |         |
| N                               | Valid              | 67                                                                                                                                                                                         |       |         |
|                                 | Missing            | 125                                                                                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 2.00                                                                                                                                                                                       |       |         |
|                                 | Standard Deviation | .302                                                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                       |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                       |       |         |
|                                 | Percentile 75      | 2.00                                                                                                                                                                                       |       |         |

|                |   |                   |    |       |
|----------------|---|-------------------|----|-------|
| Labeled Values | 1 | PRO- Detergent X  | 3  | 1.6%  |
|                | 2 | ANTI- Detergent X | 61 | 31.8% |
|                | 3 | Both              | 3  | 1.6%  |
|                | 4 | Neither           | 0  | 0.0%  |

#### a5io\_ex\_1\_4

|                                 |                    | Value                                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1081                                                                                                                                                                             |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Which perspective does this claim support?-It works great in warm water. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                                  |       |         |
| N                               | Valid              | 67                                                                                                                                                                               |       |         |
|                                 | Missing            | 125                                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 1.24                                                                                                                                                                             |       |         |
|                                 | Standard Deviation | .740                                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | PRO- Detergent X                                                                                                                                                                 | 60    | 31.3%   |
|                                 | 2                  | ANTI- Detergent X                                                                                                                                                                | 1     | 0.5%    |
|                                 | 3                  | Both                                                                                                                                                                             | 3     | 1.6%    |
|                                 | 4                  | Neither                                                                                                                                                                          | 3     | 1.6%    |

#### a5io\_ex\_1\_5

|                                 |                    | Value                                                                                                                                                                                | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1082                                                                                                                                                                                 |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Which perspective does this claim support?-It comes in really ugly packaging |       |         |
|                                 | Type               | Numeric                                                                                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                |       |         |
|                                 |                    |                                                                                                                                                                                      |       |         |
| N                               | Valid              | 67                                                                                                                                                                                   |       |         |
|                                 | Missing            | 125                                                                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 2.27                                                                                                                                                                                 |       |         |
|                                 | Standard Deviation | .687                                                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                 |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                 |       |         |

|                |               |                   |    |       |
|----------------|---------------|-------------------|----|-------|
|                | Percentile 75 | 2.00              |    |       |
| Labeled Values | 1             | PRO- Detergent X  | 1  | 0.5%  |
|                | 2             | ANTI- Detergent X | 55 | 28.6% |
|                | 3             | Both              | 3  | 1.6%  |
|                | 4             | Neither           | 8  | 4.2%  |

#### a5io\_ex\_1\_6

|                                 |                    | Value                                                                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1083                                                                                                                                                                                   |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Which perspective does this claim support?-The packaging is simple and elegant |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                                                                        |       |         |
|                                 |                    |                                                                                                                                                                                        |       |         |
| N                               | Valid              | 67                                                                                                                                                                                     |       |         |
|                                 | Missing            | 125                                                                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 1.55                                                                                                                                                                                   |       |         |
|                                 | Standard Deviation | 1.077                                                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                   |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                   |       |         |
|                                 | Percentile 75      | 1.00                                                                                                                                                                                   |       |         |
| Labeled Values                  | 1                  | PRO- Detergent X                                                                                                                                                                       | 52    | 27.1%   |
|                                 | 2                  | ANTI- Detergent X                                                                                                                                                                      | 1     | 0.5%    |
|                                 | 3                  | Both                                                                                                                                                                                   | 6     | 3.1%    |
|                                 | 4                  | Neither                                                                                                                                                                                | 8     | 4.2%    |

#### a5io\_ex\_3\_1

|                                 |             | Value                                                                                                                                                                                                                                                | Count | Percent |
|---------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 1084                                                                                                                                                                                                                                                 |       |         |
|                                 | Label       | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Would the PRO and ANTI detergent perspectives agree or disagree that this claim is probably true?-It costs \$10 a box, and that is too much! |       |         |
|                                 | Type        | Numeric                                                                                                                                                                                                                                              |       |         |
|                                 | Format      | F8                                                                                                                                                                                                                                                   |       |         |
|                                 | Measurement | Scale                                                                                                                                                                                                                                                |       |         |
|                                 |             |                                                                                                                                                                                                                                                      |       |         |
|                                 |             |                                                                                                                                                                                                                                                      |       |         |
| N                               | Valid       | 67                                                                                                                                                                                                                                                   |       |         |
|                                 | Missing     | 125                                                                                                                                                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean        | 3.21                                                                                                                                                                                                                                                 |       |         |

|                |                    |                                           |    |       |
|----------------|--------------------|-------------------------------------------|----|-------|
|                | Standard Deviation | 1.162                                     |    |       |
|                | Percentile 25      | 2.00                                      |    |       |
|                | Percentile 50      | 4.00                                      |    |       |
|                | Percentile 75      | 4.00                                      |    |       |
| Labeled Values | 1                  | Both would agree with the claim           | 11 | 5.7%  |
|                | 2                  | Both would disagree with the claim        | 6  | 3.1%  |
|                | 3                  | Only PRO would agree, ANTI would disagree | 8  | 4.2%  |
|                | 4                  | Only ANTI would agree, PRO would disagree | 42 | 21.9% |

### a5io\_ex\_3\_2

|                                 |                    | Value                                                                                                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1085                                                                                                                                                                                                                                                  |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Would the PRO and ANTI detergent perspectives agree or disagree that this claim is probably true?-It does not cost as much as some detergents |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                                                                                                       |       |         |
| N                               | Valid              | 67                                                                                                                                                                                                                                                    |       |         |
|                                 | Missing            | 125                                                                                                                                                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 1.78                                                                                                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | .951                                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                                                                       | 39    | 20.3%   |
|                                 | 2                  | Both would disagree with the claim                                                                                                                                                                                                                    | 4     | 2.1%    |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                                                                                                             | 24    | 12.5%   |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                                                                                                             | 0     | 0.0%    |

### a5io\_ex\_3\_3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1086  |       |         |

|                                 |                    |                                                                                                                                                                                                                                                   |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Would the PRO and ANTI detergent perspectives agree or disagree that this claim is probably true?-It does not dissolve well in cold water |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                                                           |    |       |
|                                 | Format             | F8                                                                                                                                                                                                                                                |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                             |    |       |
| N                               | Valid              | 67                                                                                                                                                                                                                                                |    |       |
|                                 | Missing            | 125                                                                                                                                                                                                                                               |    |       |
| Central Tendency and Dispersion | Mean               | 3.10                                                                                                                                                                                                                                              |    |       |
|                                 | Standard Deviation | 1.304                                                                                                                                                                                                                                             |    |       |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                              |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                                              |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                              |    |       |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                                                                   | 17 | 8.9%  |
|                                 | 2                  | Both would disagree with the claim                                                                                                                                                                                                                | 2  | 1.0%  |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                                                                                                         | 5  | 2.6%  |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                                                                                                         | 43 | 22.4% |

#### a5io\_ex\_3\_4

|                                 |                    | Value                                                                                                                                                                                                                                   | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1087                                                                                                                                                                                                                                    |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Would the PRO and ANTI detergent perspectives agree or disagree that this claim is probably true?-It works great in warm water. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                                                                                                                         |       |         |
| N                               | Valid              | 67                                                                                                                                                                                                                                      |       |         |
|                                 | Missing            | 125                                                                                                                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 2.60                                                                                                                                                                                                                                    |       |         |
|                                 | Standard Deviation | .854                                                                                                                                                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                    |       |         |

|                |               |                                           |    |       |
|----------------|---------------|-------------------------------------------|----|-------|
|                | Percentile 75 | 3.00                                      |    |       |
| Labeled Values | 1             | Both would agree with the claim           | 14 | 7.3%  |
|                | 2             | Both would disagree with the claim        | 1  | 0.5%  |
|                | 3             | Only PRO would agree, ANTI would disagree | 50 | 26.0% |
|                | 4             | Only ANTI would agree, PRO would disagree | 2  | 1.0%  |

### a5io\_ex\_3\_5

|                                 |                    | Value                                                                                                                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1088                                                                                                                                                                                                                                        |       |         |
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Would the PRO and ANTI detergent perspectives agree or disagree that this claim is probably true?-It comes in really ugly packaging |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                                                                                                                             |       |         |
| N                               | Valid              | 67                                                                                                                                                                                                                                          |       |         |
|                                 | Missing            | 125                                                                                                                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.01                                                                                                                                                                                                                                        |       |         |
|                                 | Standard Deviation | 1.285                                                                                                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                                                             | 15    | 7.8%    |
|                                 | 2                  | Both would disagree with the claim                                                                                                                                                                                                          | 9     | 4.7%    |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                                                                                                   | 3     | 1.6%    |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                                                                                                   | 40    | 20.8%   |

### a5io\_ex\_3\_6

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1089  |       |         |

|                                 |                    |                                                                                                                                                                                                                                               |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | Consider the claims below and (1) Decide whether the claims are likely to represent a view that is... : Would the PRO and ANTI detergent perspectives agree or disagree that this claim is probably true?-The packaging is simple and elegant |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                                                       |    |       |
|                                 | Format             | F8                                                                                                                                                                                                                                            |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                         |    |       |
| N                               | Valid              | 67                                                                                                                                                                                                                                            |    |       |
|                                 | Missing            | 125                                                                                                                                                                                                                                           |    |       |
| Central Tendency and Dispersion | Mean               | 2.34                                                                                                                                                                                                                                          |    |       |
|                                 | Standard Deviation | .930                                                                                                                                                                                                                                          |    |       |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                          |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                          |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                          |    |       |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                                                               | 21 | 10.9% |
|                                 | 2                  | Both would disagree with the claim                                                                                                                                                                                                            | 2  | 1.0%  |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                                                                                                     | 44 | 22.9% |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                                                                                                     | 0  | 0.0%  |

### Q332

|                                 |                    |                                                                                                       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Value              |                                                                                                       |
|                                 | Position           | 1090                                                                                                  |
|                                 | Label              | [[ See how (fictional) others might answer the above by clicking HERE ]] [[ Click again to hide ]]... |
|                                 | Type               | Numeric                                                                                               |
|                                 | Format             | F8                                                                                                    |
|                                 | Measurement        | Scale                                                                                                 |
| N                               | Valid              | 67                                                                                                    |
|                                 | Missing            | 125                                                                                                   |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                  |
|                                 | Standard Deviation | .000                                                                                                  |
|                                 | Percentile 25      | 1.00                                                                                                  |
|                                 | Percentile 50      | 1.00                                                                                                  |
|                                 | Percentile 75      | 1.00                                                                                                  |

### a5Tioex\_1

|                     |             |                    |
|---------------------|-------------|--------------------|
| Standard Attributes | Value       |                    |
|                     | Position    | 1091               |
|                     | Label       | Timing-First Click |
|                     | Type        | Numeric            |
|                     | Format      | F8.2               |
|                     | Measurement | Scale              |
| N                   | Valid       | 67                 |
|                     | Missing     | 125                |

|                                 |                    |           |
|---------------------------------|--------------------|-----------|
| Central Tendency and Dispersion | Mean               | 118.9754  |
|                                 | Standard Deviation | 109.58908 |
|                                 | Percentile 25      | 24.2480   |
|                                 | Percentile 50      | 81.1330   |
|                                 | Percentile 75      | 189.5710  |

### a5Tioex\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 1092              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 67                |
|                                 | Missing            | 125               |
| Central Tendency and Dispersion | Mean               | 437.5399          |
|                                 | Standard Deviation | 280.48126         |
|                                 | Percentile 25      | 261.2320          |
|                                 | Percentile 50      | 379.1260          |
|                                 | Percentile 75      | 570.9840          |

### a5Tioex\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1093               |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 67                 |
|                                 | Missing            | 125                |
| Central Tendency and Dispersion | Mean               | 458.1622           |
|                                 | Standard Deviation | 278.71727          |
|                                 | Percentile 25      | 277.3310           |
|                                 | Percentile 50      | 407.8160           |
|                                 | Percentile 75      | 591.0310           |

### a5Tioex\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1094               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 67                 |
|                                 | Missing            | 125                |
| Central Tendency and Dispersion | Mean               | 32.0149            |
|                                 | Standard Deviation | 17.97683           |
|                                 | Percentile 25      | 22.0000            |
|                                 | Percentile 50      | 27.0000            |
|                                 | Percentile 75      | 34.0000            |

### Q343

|                     |             |                                              |
|---------------------|-------------|----------------------------------------------|
|                     |             | Value                                        |
| Standard Attributes | Position    | 1095                                         |
|                     | Label       | Organizing information about....Nanogenomics |
|                     | Type        | Numeric                                      |
|                     | Format      | F8                                           |
|                     | Measurement |                                              |

|                                 |                    |       |
|---------------------------------|--------------------|-------|
|                                 | Measurement        | Scale |
| N                               | Valid              | 67    |
|                                 | Missing            | 125   |
| Central Tendency and Dispersion | Mean               | 1.00  |
|                                 | Standard Deviation | .000  |
|                                 | Percentile 25      | 1.00  |
|                                 | Percentile 50      | 1.00  |
|                                 | Percentile 75      | 1.00  |

Q274

|                                 |                    |                                                                                                       |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|
|                                 |                    | Value                                                                                                 |
| Standard Attributes             | Position           | 1096                                                                                                  |
|                                 | Label              | Next, you will apply what you have learned to think about the question:<br>"How much should resear... |
|                                 | Type               | Numeric                                                                                               |
|                                 | Format             | F8                                                                                                    |
|                                 | Measurement        | Scale                                                                                                 |
|                                 |                    |                                                                                                       |
| N                               | Valid              | 67                                                                                                    |
|                                 | Missing            | 125                                                                                                   |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                  |
|                                 | Standard Deviation | .000                                                                                                  |
|                                 | Percentile 25      | 1.00                                                                                                  |
|                                 | Percentile 50      | 1.00                                                                                                  |
|                                 | Percentile 75      | 1.00                                                                                                  |

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|                     |          |       |       |         |
|---------------------|----------|-------|-------|---------|
|                     |          | Value | Count | Percent |
| Standard Attributes | Position | 1097  |       |         |

|                                 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|---------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                 | Label       | How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?- Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. See evidenceSupporting evidence?• Some note that such procedures are already being considered: "It's technically feasible and it can be done," says Mark Hughes, a pioneer of the PGD process and director of Genesis Genetics Institute, a large fertility laboratory in Detroit. However, he adds that 'no legitimate lab would get into it and, if they did, they'd be ostracized.'" See source • Nanotechnology may simply be an additional tool for achieving such aims, as suggested by this author: "Nanorobots could change your physical appearance. They could be programmed to perform cosmetic surgery, rearranging your atoms to change your ears, nose, eye color or any other physical feature you wish to alter." See sourceNegating evidence?• At the end of the article referencing the potential of nanorobots above, the author states that, in general, "Many nanotechnology experts feel that these applications are well outside the realm of possibility, at least for the foreseeable future." See source |  |  |
|                                 | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
|                                 | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                                 | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| N                               | Valid       | 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|                                 | Missing     | 158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| Central Tendency and Dispersion | Mean        | 2.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |

|                |                    |                  |      |      |  |
|----------------|--------------------|------------------|------|------|--|
|                | Standard Deviation |                  | .981 |      |  |
|                | Percentile 25      |                  | 2.00 |      |  |
|                | Percentile 50      |                  | 2.00 |      |  |
|                | Percentile 75      |                  | 3.00 |      |  |
| Labeled Values | 1                  | PRO- Regulation  | 8    | 4.2% |  |
|                | 2                  | ANTI- Regulation | 10   | 5.2% |  |
|                | 3                  | Both             | 12   | 6.3% |  |
|                | 4                  | Neither          | 4    | 2.1% |  |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1098  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support? People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. See evidence Supporting evidence? • Dr. Gregor Wolbring reminds us that "the ever increasing appearance of internal and external enhancements of the human body – driven by lucrative and big business sport disciplines on one hand and the medical technology to deal with injuries on the other – enables a culture of increasing demand for, and acceptance of, improvements to and modifications of the human body (structure, function, abilities) beyond its species-typical boundaries." See source • With regard to the potential of nanotechnology to enhance humans, the President's Council on Bioethics said, "These technologies promise great benefits for humanity—such as increased productivity and creativity, longer lives, more serenity, stronger bodies and minds." See source • In 2000, David Resnick noted that scientists at a conference predicted that "within a few years researchers will develop techniques that can be used to enhance human traits." See source Negating evidence? • In light of recent developments in genetic research, scientists have been asked to make changes in things like skin color and muscle</p> |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 |                    | mass of patients. While this probably could be accomplished with current technology, Dr. Christopher Evans and Dr. Scott McIvor say, "the possibility of harm would be difficult to justify for a cosmetic procedure and, more important, genetic enhancement of healthy people raises a host of difficult ethical questions."See source• "The American Medical Association's Council on Ethical and Judicial Affairs issued a policy statement in 1994 stating that efforts to enhance "desirable" characteristics through the insertion of a modified or additional gene, or efforts to "improve" complex human traits, are contrary not only to the ethical tradition of medicine but also to the egalitarian values of our society."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |       |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |
| N                               | Valid              | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |       |
|                                 | Missing            | 154                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |       |
| Central Tendency and Dispersion | Mean               | 2.29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |       |
|                                 | Standard Deviation | .867                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |       |
|                                 | Percentile 75      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |       |
| Labeled Values                  | 1                  | PRO- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4  | 2.1%  |
|                                 | 2                  | ANTI- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25 | 13.0% |
|                                 | 3                  | Both                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3  | 1.6%  |
|                                 | 4                  | Neither                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6  | 3.1%  |

### a5ioc\_org\_1\_x3

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1099  |       |         |

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                 | Label              | How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?- Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to one's children. See evidence. Supporting evidence? • Scientists believe that every human has about 25,000 genes per cell. A mutation, or change, in any one of these genes can result in a disease, physical disability, or shortened life span. These mutations can be passed from one generation to another, inherited just like a mother's red hair or a father's brown eyes. Negating evidence? • David King of Human Genetics Alert says, "Currently, genetic engineering is only applied to non-reproductive cells (this is known as 'gene therapy') in order to treat diseases in a single patient, rather than in all their descendants. Gene therapy is still very unsuccessful, and we are often told that the prospect of reproductive genetic engineering is remote." See source. Did you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |  |  |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| N                               | Valid              | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
|                                 | Missing            | 161                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| Central Tendency and Dispersion | Mean               | 2.29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
|                                 | Standard Deviation | .938                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |

|                |   |                  |    |      |
|----------------|---|------------------|----|------|
| Labeled Values | 1 | PRO- Regulation  | 9  | 4.7% |
|                | 2 | ANTI- Regulation | 5  | 2.6% |
|                | 3 | Both             | 16 | 8.3% |
|                | 4 | Neither          | 1  | 0.5% |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1100  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?-When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. See evidenceSupporting evidence?• An article by the Richmond Journal of Law and Technology reminds us that "[t]he extraordinarily small size of nanoproducts results in unusual properties that go beyond the normal law of physics, which makes working with them quite unpredictable." See source• A recent article in the Medical Journal of Australia states that "safety regulation of nanotherapeutics may present unique risk assessment challenges, given the novelty and variety of products, high mobility and reactivity of engineered nanoparticles, and blurring of the diagnostic and therapeutic classifications of "medicines" and "medical devices"." See sourceNegating evidence?• The Law Journal of Medicine and Ethics ran an article in 2006 which stated, "risk often provokes the precautionary principle, a guide for human activities to prevent harm to human health and the environment. It is not a new principle and is often a formula for doing nothing in its strictest form or, in its active form it means choosing a less risky alternative and taking responsibility for any potential risks." That is to say, the risks of mistakes with nanotechnology are no different than the</p> |  |  |
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|                                 |                    |                                                                                                                                                           |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 |                    | risks we take in other areas. See source Did you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |       |
|                                 | Type               | Numeric                                                                                                                                                   |    |       |
|                                 | Format             | F8                                                                                                                                                        |    |       |
|                                 | Measurement        | Scale                                                                                                                                                     |    |       |
| N                               | Valid              | 39                                                                                                                                                        |    |       |
|                                 | Missing            | 153                                                                                                                                                       |    |       |
| Central Tendency and Dispersion | Mean               | 1.38                                                                                                                                                      |    |       |
|                                 | Standard Deviation | .907                                                                                                                                                      |    |       |
|                                 | Percentile 25      | 1.00                                                                                                                                                      |    |       |
|                                 | Percentile 50      | 1.00                                                                                                                                                      |    |       |
|                                 | Percentile 75      | 1.00                                                                                                                                                      |    |       |
| Labeled Values                  | 1                  | PRO- Regulation                                                                                                                                           | 32 | 16.7% |
|                                 | 2                  | ANTI- Regulation                                                                                                                                          | 2  | 1.0%  |
|                                 | 3                  | Both                                                                                                                                                      | 2  | 1.0%  |
|                                 | 4                  | Neither                                                                                                                                                   | 3  | 1.6%  |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1101  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?-Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. See evidenceSupporting evidence?• In his 2007 paper, Patrick Lin looks at both sides of the issue: "On one side, experts argue that nanomaterials, which are making their way into the marketplace today, are possibly harmful to consumers and the environment, so stronger and new laws are needed to ensure they are safe. On the other side, different experts argue that more regulation will slow down the pace of business and innovation in nanotechnology." See source• Howard Schachman, Biology Professor at the University of California at Berkeley, posits that, "scientists temperamentally and culturally are skeptical about the legitimacy of rules; instinctively they tend to oppose regulations as an unnecessary burden impeding research." He adds that they "express frustration over those government regulations which are imposed as a result of political pressures, provide very little benefit, appear ill-advised or poorly crafted, are costly and do indeed impede scientific research." Negating evidence?• According to an Arizona State University study, "leading U.S. scientists in nanotechnology believe regulations are most urgently needed in the areas of surveillance and privacy, human enhancement,</p> |  |  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 |                    | medicine and the environment."See source• Norris Alderson, who was on the FDA task force for nanomedicine says, "We reached a number of conclusions. Perhaps the most important is that, for now, this technology is really no different than any other new technology that would be incorporated into FDA products. So with that in mind, we feel comfortable, if you will, using our present regulatory framework. However, we felt there is need for guidance to help this industry as it moves forward. We recognized a need for additional information in various areas, such as biosafety. FDA and other agencies are working together on that. But for now, we just do not see the need for regulations written specifically for nano-engineered materials in the products FDA regulates."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |       |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |       |
| N                               | Valid              | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |       |
|                                 | Missing            | 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |       |
| Central Tendency and Dispersion | Mean               | 1.77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |       |
|                                 | Standard Deviation | .430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |       |
|                                 | Percentile 75      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |       |
| Labeled Values                  | 1                  | PRO- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7  | 3.6%  |
|                                 | 2                  | ANTI- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 23 | 12.0% |
|                                 | 3                  | Both                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0  | 0.0%  |
|                                 | 4                  | Neither                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0  | 0.0%  |
|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |       |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1102  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?-Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. See evidenceSupporting evidence?• Dr Patrick Lin, director of The Nanoethics Group says, "We need to find a reasonable balance that responsibly promotes innovation in nanotechnology while at the same time safeguards EHS [environmental health and safety] interests."See source• Eric Berger, science reporter for the Houston Chronicle, says "by finding areas in which nanotechnology may pose even a theoretical threat, they're also opening the door to more stringent regulation, which at some point may strangle the development of small, cash-strapped companies that are trying to commercialize innovative nano ideas."See source• According to a 2010 article on thescientist.com, "Biomedical science as it is practiced today in the United States in academic institutions is largely an enterprise, and a very large enterprise, supported with public funds from the national government. Due to the real risks for lapses in safety or ethics and the appropriate expectation for some form of accountability, research supported by money from the National Institutes of Health (NIH) or other federal sources is expected to comply with rules and regulations intended to minimize the chances for breaches in safety or ethics or for inappropriate use</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|
|                                 |                    | of research funding. While many of these regulatory regimes are well-intentioned, collectively, they have come to represent an immense burden that stifles creativity and discourages timely implementation of research ideas resulting from new insights or inspirations."See sourceNegating evidence?• Tim Malloy, of the UCLA School of Law Sustainable Technology and Policy Program says, "Nanotechnology raises substantial scientific and policy issues regarding both risk assessment and standard setting, provoking calls for further study and "soft law" approaches relying upon voluntary action by industry rather than mandatory regulation."See source• In 2006, nanotechweb.org argued that, "The anticipated rapid emergence of nanotechnology brings significant regulatory challenges for environmental protection. A lack of regulation will undermine public confidence in the emerging technology."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |         |       |
|                                 |                    | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Numeric |       |
|                                 |                    | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F8      |       |
|                                 |                    | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Scale   |       |
| N                               | Valid              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 34      |       |
|                                 | Missing            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 158     |       |
| Central Tendency and Dispersion | Mean               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.94    |       |
|                                 | Standard Deviation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | .239    |       |
|                                 | Percentile 25      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.00    |       |
|                                 | Percentile 50      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.00    |       |
|                                 | Percentile 75      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.00    |       |
| Labeled Values                  | 1                  | PRO- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2       | 1.0%  |
|                                 | 2                  | ANTI- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32      | 16.7% |
|                                 | 3                  | Both                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0       | 0.0%  |
|                                 | 4                  | Neither                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0       | 0.0%  |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1103  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. See evidenceSupporting evidence?• A National Citizens' Technology Forum Report on Nanotechnology states that "A critically important aspect of manipulating matter at the nanoscale is that a material's properties can...exhibit new properties, such as electrical conductivity, elasticity, enhanced strength, different colors, and different reactivity, when compared to the same material at "normal" scale. This means...that using materials at the nanoscale can mean the creation of new materials that can be beneficial in many ways. It also means that we cannot assume that materials that are safe and harmless at normal scales are necessarily safe and harmless at the nanoscale."See source• Andrew Maynard, head of the University of Michigan Risk Science Center, offers an example: "Gold is an inert, yellowish metal—everyone knows this." He continues, "But form gold into particles just a few nanometers across, and everything changes—the metal does the equivalent of transforming from a cat into a dog. Instead of appearing yellowish in color, the particles now appear red, and become highly chemically active."See sourceNegating</p> |  |  |
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|                                 |                    |                                                                                                                                       |    |      |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                               |    |      |
|                                 | Format             | F8                                                                                                                                    |    |      |
|                                 | Measurement        | Scale                                                                                                                                 |    |      |
| N                               | Valid              | 31                                                                                                                                    |    |      |
|                                 | Missing            | 161                                                                                                                                   |    |      |
| Central Tendency and Dispersion | Mean               | 1.90                                                                                                                                  |    |      |
|                                 | Standard Deviation | 1.076                                                                                                                                 |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                  |    |      |
|                                 | Percentile 50      | 1.00                                                                                                                                  |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                  |    |      |
| Labeled Values                  | 1                  | PRO- Regulation                                                                                                                       | 16 | 8.3% |
|                                 | 2                  | ANTI- Regulation                                                                                                                      | 5  | 2.6% |
|                                 | 3                  | Both                                                                                                                                  | 7  | 3.6% |
|                                 | 4                  | Neither                                                                                                                               | 3  | 1.6% |

a5ioc\_org\_1\_x8

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1104  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Label | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?- Nanogenomics will someday let people choose the genetic make up of their children. See evidence Supporting evidence? • As Jeff Steinberg of LA's Fertility Institutes says, "This is cosmetic medicine... Others are frightened by the criticism but we have no problems with it." Trait selection in babies "is a service," says Dr. Steinberg, and "[w]e intend to offer it soon." See source • Stanford University's Cross-cultural Rhetoric Project acknowledges that "PGD (Preimplantation Genetic Diagnosis) has been used to create 'Designer Babies'. 'Designer baby' is a term used to refer to a baby whose genetic makeup has been artificially selected by genetic engineering. The procedure used to create these genetically modified babies ensures the presence or absence of particular genes or characteristics." See source Negating evidence? • Geneticist and blogger, Minerva reminds us that "the opportunity to alter a relatively "simple" trait such as height will be available long before we figure out the soup of probable genetic determinants of "empathy", so physical trait enhancement will surely precede character trait enhancement." See source • According to a 2009 Science Daily article, "A new study by researchers at NYU Langone Medical Center found a high desire for additional genetic testing among consumers for life altering and</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | threatening medical conditions including mental retardation, blindness, deafness, cancer, heart disease, dwarfism and shortened lifespan from death by 5 years of age. Consumers, however, are less interested in prenatal genetic testing for traits including tall stature, superior athletic ability and superior intelligence."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
| N                               | Valid              | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|                                 | Missing            | 165                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |      |
| Central Tendency and Dispersion | Mean               | 2.44                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Standard Deviation | .847                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
| Labeled Values                  | 1                  | PRO- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4  | 2.1% |
|                                 | 2                  | ANTI- Regulation                                                                                                                                                                                                                                                                                                                                                                                                                                              | 9  | 4.7% |
|                                 | 3                  | Both                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12 | 6.3% |
|                                 | 4                  | Neither                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2  | 1.0% |
|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |

a5ioc\_org\_1\_x13

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1105  |       |         |
|                     |          |       |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
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| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?- Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. See evidence Supporting evidence? • "Among the long term objectives of the NIH initiative are goals such as being able to use nanoparticles to seek out cancer cells before tumors grow, remove and/ or replace "broken" parts of cells or cell mechanisms with miniature, molecular-sized biological "machines", and use similar "machines" as pumps or robots to deliver medicines when and where needed within the body. All of these ideas are feasible based on present technology." Subsequently, delaying this research is risking the lives of the people who could benefit from these treatments. See source • In 2005, a CNN article said that, "by attaching a chemotherapeutic drug to manmade nanoparticles, the team of researchers at the University of Michigan were able to smuggle it inside cancerous cells, delaying the growth of tumors in mice by up to 30 days -- the equivalent of three years in a human. Professor of biologic nanotechnology James Baker, who led the research, said that the treatment might eventually turn cancer into a chronic but treatable condition." See source • According to John Miller, a lawyer specializing in law and technology, "a lack of agency preparation could take the form of</p> |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |   |      |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---|------|
|                                 | unnecessary delays in patient access. Inadequate resources combined with a growing caseload, an inefficient regulatory structure, a lack of expertise, or FDA reviewers exercising extreme caution could all result in the FDA taking excessive amounts of time to review new technologies."See sourceNegating evidence?• John Miller also points out that "If a lack of agency preparation results in hasty approval of dangerous therapies and a failure to effectively monitor clinical research, patients could be exposed to a significant risk of harm during clinical trials."See source• In the Australian and New Zealand Journal of Public Health, researchers wrote that the "regulatory regimes do not adequately capture the potential risks associated with this new technology. Concerns have arisen due to preliminary evidence suggesting that some engineered nanoparticles may display undesirable toxicological properties, presenting potential risks to human and environmental health and safety."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |                 |   |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Numeric         |   |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | F8              |   |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Scale           |   |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 34              |   |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 158             |   |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.97            |   |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | .460            |   |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.00            |   |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.00            |   |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.00            |   |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PRO- Regulation | 3 | 1.6% |

|  |   |                  |    |       |
|--|---|------------------|----|-------|
|  | 2 | ANTI- Regulation | 30 | 15.6% |
|  | 3 | Both             | 0  | 0.0%  |
|  | 4 | Neither          | 1  | 0.5%  |

#### a5ioc\_org\_1\_x14

|                     |             | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |         |
|                     | Label       | How would you organize these student claims? Below are some claims that prior students offered as s... : Which perspective does this claim support?- Nanogenomic technology is being used to diagnose (not just treat) diseases. See evidenceSupporting evidence?• According to the magazine New Scientist, Dr. Christine Keating and her colleagues at Pennsylvania State University have created a chip consisting of a series of nanowires coated with DNA sequences that match those from disease-causing bacteria or viruses that can be used to diagnose a variety of medical conditions. See source • A National Citizens' Technology Forum Report on Nanotechnology states that nanotechnology may lead to "dramatic diagnostic improvements", including using "nanoscale particles to dramatically enhance physicians' ability to detect very minute amounts of specific disease-related molecules in the body." See sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |       |         |
|                     | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |
|                     | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |
|                     | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |         |
|                     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |         |
| N                   | Valid       | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |         |
|                     | Missing     | 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |

|                                 |                    |                  |    |      |
|---------------------------------|--------------------|------------------|----|------|
| Central Tendency and Dispersion | Mean               | 2.47             |    |      |
|                                 | Standard Deviation | .879             |    |      |
|                                 | Percentile 25      | 2.00             |    |      |
|                                 | Percentile 50      | 2.00             |    |      |
|                                 | Percentile 75      | 3.00             |    |      |
| Labeled Values                  | 1                  | PRO- Regulation  | 4  | 2.1% |
|                                 | 2                  | ANTI- Regulation | 13 | 6.8% |
|                                 | 3                  | Both             | 11 | 5.7% |
|                                 | 4                  | Neither          | 4  | 2.1% |

a5ioc\_org\_3\_x1

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1107  |       |         |

|   |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|---|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|   | Label       | How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?- Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. See evidenceSupporting evidence?• Some note that such procedures are already being considered: "It's technically feasible and it can be done," says Mark Hughes, a pioneer of the PGD process and director of Genesis Genetics Institute, a large fertility laboratory in Detroit. However, he adds that 'no legitimate lab would get into it and, if they did, they'd be ostracized.'" See source • Nanotechnology may simply be an additional tool for achieving such aims, as suggested by this author: "Nanorobots could change your physical appearance. They could be programmed to perform cosmetic surgery, rearranging your atoms to change your ears, nose, eye color or any other physical feature you wish to alter." See sourceNegating evidence?• At the end of the article referencing the potential of nanorobots above, the author states that, in general, "Many nanotechnology experts feel that these applications are well outside the realm of possibility, at least for the foreseeable future." See source |  |  |
|   | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
|   | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|   | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
|   |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
| N | Valid       | 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
|   | Missing     | 158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |

|                                 |                    |                                           |    |       |
|---------------------------------|--------------------|-------------------------------------------|----|-------|
| Central Tendency and Dispersion | Mean               | 1.91                                      |    |       |
|                                 | Standard Deviation | 1.288                                     |    |       |
|                                 | Percentile 25      | 1.00                                      |    |       |
|                                 | Percentile 50      | 1.00                                      |    |       |
|                                 | Percentile 75      | 3.00                                      |    |       |
| Labeled Values                  | 1                  | Both would agree with the claim           | 22 | 11.5% |
|                                 | 2                  | Both would disagree with the claim        | 0  | 0.0%  |
|                                 | 3                  | Only PRO would agree, ANTI would disagree | 5  | 2.6%  |
|                                 | 4                  | Only ANTI would agree, PRO would disagree | 7  | 3.6%  |

### a5ioc\_org\_3\_x2

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1108  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. See evidenceSupporting evidence?• Dr. Gregor Wolbring reminds us that "the ever increasing appearance of internal and external enhancements of the human body – driven by lucrative and big business sport disciplines on one hand and the medical technology to deal with injuries on the other – enables a culture of increasing demand for, and acceptance of, improvements to and modifications of the human body (structure, function, abilities) beyond its species-typical boundaries." See source• With regard to the potential of nanotechnology to enhance humans, the President's Council on Bioethics said, "These technologies promise great benefits for humanity—such as increased productivity and creativity, longer lives, more serenity, stronger bodies and minds." See source• In 2000, David Resnick noted that scientists at a conference predicted that "within a few years researchers will develop techniques that can be used to enhance human traits." See sourceNegating evidence?• In light of recent developments in genetic research, scientists have been asked to make</p> |  |  |
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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |    |      |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----|------|
|                                 | changes in things like skin color and muscle mass of patients. While this probably could be accomplished with current technology, Dr. Christopher Evans and Dr. Scott McIvor say, "the possibility of harm would be difficult to justify for a cosmetic procedure and, more important, genetic enhancement of healthy people raises a host of difficult ethical questions."See source• "The American Medical Association's Council on Ethical and Judicial Affairs issued a policy statement in 1994 stating that efforts to enhance "desirable" characteristics through the insertion of a modified or additional gene, or efforts to "improve" complex human traits, are contrary not only to the ethical tradition of medicine but also to the egalitarian values of our society."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |                                           |    |      |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Numeric                                   |    |      |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F8                                        |    |      |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Scale                                     |    |      |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38                                        |    |      |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 154                                       |    |      |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.89                                      |    |      |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.247                                     |    |      |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.00                                      |    |      |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.00                                      |    |      |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4.00                                      |    |      |
| Labeled Values                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Both would agree with the claim           | 9  | 4.7% |
|                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Both would disagree with the claim        | 4  | 2.1% |
|                                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Only PRO would agree, ANTI would disagree | 7  | 3.6% |
|                                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Only ANTI would agree, PRO would disagree | 18 | 9.4% |

## a5ioc\_org\_3\_x3

|                                 |             | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Count | Percent |
|---------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 1109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |         |
|                                 | Label       | How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?- Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to one's children. See evidenceSupporting evidence?• Scientists believe that every human has about 25,000 genes per cell. A mutation, or change, in any one of these genes can result in a disease, physical disability, or shortened life span. These mutations can be passed from one generation to another, inherited just like a mother's red hair or a father's brown eyes.Negating evidence?• David King of Human Genetics Alert says, "Currently, genetic engineering is only applied to non-reproductive cells (this is known as 'gene therapy') in order to treat diseases in a single patient, rather than in all their descendants. Gene therapy is still very unsuccessful, and we are often told that the prospect of reproductive genetic engineering is remote."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |       |         |
|                                 | Type        | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |         |
|                                 | Format      | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |         |
|                                 | Measurement | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |
| N                               | Valid       | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |         |
|                                 | Missing     | 161                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean        | 1.87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |         |

|                |                    |                                           |    |      |
|----------------|--------------------|-------------------------------------------|----|------|
|                | Standard Deviation | 1.176                                     |    |      |
|                | Percentile 25      | 1.00                                      |    |      |
|                | Percentile 50      | 1.00                                      |    |      |
|                | Percentile 75      | 3.00                                      |    |      |
| Labeled Values | 1                  | Both would agree with the claim           | 19 | 9.9% |
|                | 2                  | Both would disagree with the claim        | 1  | 0.5% |
|                | 3                  | Only PRO would agree, ANTI would disagree | 7  | 3.6% |
|                | 4                  | Only ANTI would agree, PRO would disagree | 4  | 2.1% |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1110  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. See evidenceSupporting evidence?• An article by the Richmond Journal of Law and Technology reminds us that "[t]he extraordinarily small size of nanoproducts results in unusual properties that go beyond the normal law of physics, which makes working with them quite unpredictable." See source• A recent article in the Medical Journal of Australia states that "safety regulation of nanotherapeutics may present unique risk assessment challenges, given the novelty and variety of products, high mobility and reactivity of engineered nanoparticles, and blurring of the diagnostic and therapeutic classifications of "medicines" and "medical devices". See sourceNegating evidence?• The Law Journal of Medicine and Ethics ran an article in 2006 which stated, "risk often provokes the precautionary principle, a guide for human activities to prevent harm to human health and the environment. It is not a new principle and is often a formula for doing nothing in its strictest form or, in its active form it means choosing a less risky alternative and taking responsibility for any potential risks." That is to say, the risks of mistakes with</p> |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

|                                 |                    |                                                                                                                                                                                                    |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 |                    | nanotechnology are no different than the risks we take in other areas. See source Did you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                            |    |       |
|                                 | Format             | F8                                                                                                                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                              |    |       |
| N                               | Valid              | 39                                                                                                                                                                                                 |    |       |
|                                 | Missing            | 153                                                                                                                                                                                                |    |       |
| Central Tendency and Dispersion | Mean               | 2.59                                                                                                                                                                                               |    |       |
|                                 | Standard Deviation | .938                                                                                                                                                                                               |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                               |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                               |    |       |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                               |    |       |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                    | 9  | 4.7%  |
|                                 | 2                  | Both would disagree with the claim                                                                                                                                                                 | 1  | 0.5%  |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                                                          | 26 | 13.5% |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                                                          | 3  | 1.6%  |

#### a5ioc\_org\_3\_x5

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1111  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. See evidenceSupporting evidence?• In his 2007 paper, Patrick Lin looks at both sides of the issue: "On one side, experts argue that nanomaterials, which are making their way into the marketplace today, are possibly harmful to consumers and the environment, so stronger and new laws are needed to ensure they are safe. On the other side, different experts argue that more regulation will slow down the pace of business and innovation in nanotechnology." See source• Howard Schachman, Biology Professor at the University of California at Berkeley, posits that, "scientists temperamentally and culturally are skeptical about the legitimacy of rules; instinctively they tend to oppose regulations as an unnecessary burden impeding research." He adds that they "express frustration over those government regulations which are imposed as a result of political pressures, provide very little benefit, appear ill-advised or poorly crafted, are costly and do indeed impede scientific research." Negating evidence?• According to an Arizona State University study, "leading U.S. scientists in nanotechnology believe regulations are most urgently needed in the areas of surveillance and</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | privacy, human enhancement, medicine and the environment."See source• Norris Alderson, who was on the FDA task force for nanomedicine says, "We reached a number of conclusions. Perhaps the most important is that, for now, this technology is really no different than any other new technology that would be incorporated into FDA products. So with that in mind, we feel comfortable, if you will, using our present regulatory framework. However, we felt there is need for guidance to help this industry as it moves forward. We recognized a need for additional information in various areas, such as biosafety. FDA and other agencies are working together on that. But for now, we just do not see the need for regulations written specifically for nano-engineered materials in the products FDA regulates."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |      |
| N                               | Valid              | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |
|                                 | Missing            | 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |      |
| Central Tendency and Dispersion | Mean               | 3.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Standard Deviation | 1.313                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |      |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8  | 4.2% |
|                                 | 2                  | Both would disagree with the claim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1  | 0.5% |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4  | 2.1% |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17 | 8.9% |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1112  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. See evidence Supporting evidence?• Dr Patrick Lin, director of The Nanoethics Group says, "We need to find a reasonable balance that responsibly promotes innovation in nanotechnology while at the same time safeguards EHS [environmental health and safety] interests." See source• Eric Berger, science reporter for the Houston Chronicle, says "by finding areas in which nanotechnology may pose even a theoretical threat, they're also opening the door to more stringent regulation, which at some point may strangle the development of small, cash-strapped companies that are trying to commercialize innovative nano ideas." See source• According to a 2010 article on thescientist.com, "Biomedical science as it is practiced today in the United States in academic institutions is largely an enterprise, and a very large enterprise, supported with public funds from the national government. Due to the real risks for lapses in safety or ethics and the appropriate expectation for some form of accountability, research supported by money from the National Institutes of Health (NIH) or other federal sources is expected to comply with rules and regulations intended to minimize the chances for breaches</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |      |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|
|                                 |                    | in safety or ethics or for inappropriate use of research funding. While many of these regulatory regimes are well-intentioned, collectively, they have come to represent an immense burden that stifles creativity and discourages timely implementation of research ideas resulting from new insights or inspirations."See sourceNegating evidence?• Tim Malloy, of the UCLA School of Law Sustainable Technology and Policy Program says, "Nanotechnology raises substantial scientific and policy issues regarding both risk assessment and standard setting, provoking calls for further study and "soft law" approaches relying upon voluntary action by industry rather than mandatory regulation."See source• In 2006, nanotechweb.org argued that, "The anticipated rapid emergence of nanotechnology brings significant regulatory challenges for environmental protection. A lack of regulation will undermine public confidence in the emerging technology."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |         |      |
|                                 |                    | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Numeric |      |
|                                 |                    | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | F8      |      |
|                                 |                    | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Scale   |      |
| N                               | Valid              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 34      |      |
|                                 | Missing            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 158     |      |
| Central Tendency and Dispersion | Mean               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.85    |      |
|                                 | Standard Deviation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | .558    |      |
|                                 | Percentile 25      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4.00    |      |
|                                 | Percentile 50      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4.00    |      |
|                                 | Percentile 75      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4.00    |      |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1       | 0.5% |

|  |   |                                           |    |       |
|--|---|-------------------------------------------|----|-------|
|  | 2 | Both would disagree with the claim        | 0  | 0.0%  |
|  | 3 | Only PRO would agree, ANTI would disagree | 2  | 1.0%  |
|  | 4 | Only ANTI would agree, PRO would disagree | 31 | 16.1% |

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|                     |          | Value | Count | Percent |
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| Standard Attributes | Position | 1113  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
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| Label | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. See evidenceSupporting evidence?• A National Citizens' Technology Forum Report on Nanotechnology states that "A critically important aspect of manipulating matter at the nanoscale is that a material's properties can...exhibit new properties, such as electrical conductivity, elasticity, enhanced strength, different colors, and different reactivity, when compared to the same material at "normal" scale. This means...that using materials at the nanoscale can mean the creation of new materials that can be beneficial in many ways. It also means that we cannot assume that materials that are safe and harmless at normal scales are necessarily safe and harmless at the nanoscale."See source• Andrew Maynard, head of the University of Michigan Risk Science Center, offers an example: "Gold is an inert, yellowish metal—everyone knows this." He continues, "But form gold into particles just a few nanometers across, and everything changes—the metal does the equivalent of transforming from a cat into a dog. Instead of appearing yellowish in color, the particles now appear red, and become highly chemically</p> |  |  |
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|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|
|                                 |                    | active."See sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                          |    |      |
|                                 | Format             | F8                                                                                                                                                               |    |      |
|                                 | Measurement        | Scale                                                                                                                                                            |    |      |
| N                               | Valid              | 31                                                                                                                                                               |    |      |
|                                 | Missing            | 161                                                                                                                                                              |    |      |
| Central Tendency and Dispersion | Mean               | 1.81                                                                                                                                                             |    |      |
|                                 | Standard Deviation | 1.108                                                                                                                                                            |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                                             |    |      |
|                                 | Percentile 50      | 1.00                                                                                                                                                             |    |      |
|                                 | Percentile 75      | 3.00                                                                                                                                                             |    |      |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                  | 19 | 9.9% |
|                                 | 2                  | Both would disagree with the claim                                                                                                                               | 2  | 1.0% |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                        | 7  | 3.6% |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                        | 3  | 1.6% |

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|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1114  |       |         |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
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| Label | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-</p> <p>Nanogenomics will someday let people choose the genetic make up of their children. See evidence Supporting evidence? • As Jeff Steinberg of LA's Fertility Institutes says, "This is cosmetic medicine... Others are frightened by the criticism but we have no problems with it." Trait selection in babies "is a service," says Dr. Steinberg, and "[w]e intend to offer it soon." See source • Stanford University's Cross-cultural Rhetoric Project acknowledges that "PGD (Preimplantation Genetic Diagnosis) has been used to create 'Designer Babies'." 'Designer baby' is a term used to refer to a baby whose genetic makeup has been artificially selected by genetic engineering. The procedure used to create these genetically modified babies ensures the presence or absence of particular genes or characteristics." See source Negating evidence? • Geneticist and blogger, Minerva reminds us that "the opportunity to alter a relatively "simple" trait such as height will be available long before we figure out the soup of probable genetic determinants of "empathy", so physical trait enhancement will surely precede character trait enhancement." See source • According to a 2009 Science Daily article, "A new study by researchers at NYU Langone Medical Center found a high desire for additional genetic testing among</p> |  |  |
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|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |
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|                                 |                    | consumers for life altering and threatening medical conditions including mental retardation, blindness, deafness, cancer, heart disease, dwarfism and shortened lifespan from death by 5 years of age. Consumers, however, are less interested in prenatal genetic testing for traits including tall stature, superior athletic ability and superior intelligence."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?" |    |      |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |
|                                 | Format             | F8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
| N                               | Valid              | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |      |
|                                 | Missing            | 165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |      |
| Central Tendency and Dispersion | Mean               | 2.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Standard Deviation | 1.396                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Percentile 50      | 1.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |      |
| Labeled Values                  | 1                  | Both would agree with the claim                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16 | 8.3% |
|                                 | 2                  | Both would disagree with the claim                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0  | 0.0% |
|                                 | 3                  | Only PRO would agree, ANTI would disagree                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3  | 1.6% |
|                                 | 4                  | Only ANTI would agree, PRO would disagree                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8  | 4.2% |
|                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |

**a5ioc\_org\_3\_x13**

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1115  |       |         |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>Label</p> | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. See evidence Supporting evidence?• "Among the long term objectives of the NIH initiative are goals such as being able to use nanoparticles to seek out cancer cells before tumors grow, remove and/ or replace "broken" parts of cells or cell mechanisms with miniature, molecular-sized biological "machines", and use similar "machines" as pumps or robots to deliver medicines when and where needed within the body. All of these ideas are feasible based on present technology." Subsequently, delaying this research is risking the lives of the people who could benefit from these treatments. See source• In 2005, a CNN article said that, "by attaching a chemotherapeutic drug to manmade nanoparticles, the team of researchers at the University of Michigan were able to smuggle it inside cancerous cells, delaying the growth of tumors in mice by up to 30 days -- the equivalent of three years in a human. Professor of biologic nanotechnology James Baker, who led the research, said that the treatment might eventually turn cancer into a chronic but treatable condition." See source• According to John Miller, a lawyer specializing in law and technology, "a lack of agency preparation could</p> |  |  |
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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |  |  |
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|                                 | <p>take the form of unnecessary delays in patient access. Inadequate resources combined with a growing caseload, an inefficient regulatory structure, a lack of expertise, or FDA reviewers exercising extreme caution could all result in the FDA taking excessive amounts of time to review new technologies."See sourceNegating evidence?• John Miller also points out that "If a lack of agency preparation results in hasty approval of dangerous therapies and a failure to effectively monitor clinical research, patients could be exposed to a significant risk of harm during clinical trials."See source• In the Australian and New Zealand Journal of Public Health, researchers wrote that the "regulatory regimes do not adequately capture the potential risks associated with this new technology. Concerns have arisen due to preliminary evidence suggesting that some engineered nanoparticles may display undesirable toxicological properties, presenting potential risks to human and environmental health and safety."See sourceDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?"</p> |         |  |  |
|                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Numeric |  |  |
|                                 | Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | F8      |  |  |
|                                 | Measurement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Scale   |  |  |
| N                               | Valid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 34      |  |  |
|                                 | Missing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 158     |  |  |
| Central Tendency and Dispersion | Mean                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.59    |  |  |
|                                 | Standard Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | .892    |  |  |
|                                 | Percentile 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.00    |  |  |
|                                 | Percentile 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.00    |  |  |
|                                 | Percentile 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.00    |  |  |

|                |   |                                           |    |       |
|----------------|---|-------------------------------------------|----|-------|
| Labeled Values | 1 | Both would agree with the claim           | 3  | 1.6%  |
|                | 2 | Both would disagree with the claim        | 0  | 0.0%  |
|                | 3 | Only PRO would agree, ANTI would disagree | 5  | 2.6%  |
|                | 4 | Only ANTI would agree, PRO would disagree | 26 | 13.5% |

### a5ioc\_org\_3\_x14

|                     |          | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Count | Percent |
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| Standard Attributes | Position | 1116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |
|                     | Label    | <p>How would you organize these student claims? Below are some claims that prior students offered as s... : Would the PRO and ANTI regulation perspectives agree or disagree with this claim?-Nanogenomic technology is being used to diagnose (not just treat) diseases. See evidenceSupporting evidence?• According to the magazine New Scientist, Dr. Christine Keating and her colleagues at Pennsylvania State University have created a chip consisting of a series of nanowires coated with DNA sequences that match those from disease-causing bacteria or viruses that can be used to diagnose a variety of medical conditions. See source • A National Citizens' Technology Forum Report on Nanotechnology states that nanotechnology may lead to "dramatic diagnostic improvements", including using "nanoscale particles to dramatically enhance physicians' ability to detect very minute amounts of specific disease-related molecules in the body." See sourceNegating evidence?• None foundDid you find additional evidence to support or negate this claim? Please submit it below under "What's missing?"</p> |       |         |

|                                 |                    |                                           |    |       |
|---------------------------------|--------------------|-------------------------------------------|----|-------|
|                                 | Type               | Numeric                                   |    |       |
|                                 | Format             | F8                                        |    |       |
|                                 | Measurement        | Scale                                     |    |       |
| N                               | Valid              | 32                                        |    |       |
|                                 | Missing            | 160                                       |    |       |
| Central Tendency and Dispersion | Mean               | 1.81                                      |    |       |
|                                 | Standard Deviation | 1.203                                     |    |       |
|                                 | Percentile 25      | 1.00                                      |    |       |
|                                 | Percentile 50      | 1.00                                      |    |       |
|                                 | Percentile 75      | 3.00                                      |    |       |
| Labeled Values                  | 1                  | Both would agree with the claim           | 21 | 10.9% |
|                                 | 2                  | Both would disagree with the claim        | 1  | 0.5%  |
|                                 | 3                  | Only PRO would agree, ANTI would disagree | 5  | 2.6%  |
|                                 | 4                  | Only ANTI would agree, PRO would disagree | 5  | 2.6%  |

### a5Tiopg\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 1117               |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 66                 |
|                                 | Missing            | 126                |
| Central Tendency and Dispersion | Mean               | 77.3647            |
|                                 | Standard Deviation | 184.06008          |
|                                 | Percentile 25      | 11.4460            |
|                                 | Percentile 50      | 25.8045            |
|                                 | Percentile 75      | 81.2510            |

### a5Tiopg\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
| Value                           |                    |                   |
| Standard Attributes             | Position           | 1118              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 66                |
|                                 | Missing            | 126               |
| Central Tendency and Dispersion | Mean               | 951.7912          |
|                                 | Standard Deviation | 1414.15372        |
|                                 | Percentile 25      | 415.8150          |
|                                 | Percentile 50      | 627.1765          |
|                                 | Percentile 75      | 1041.2300         |

### a5Tiopg\_3

|                     |          |                    |
|---------------------|----------|--------------------|
| Value               |          |                    |
| Standard Attributes | Position | 1119               |
|                     | Label    | Timing-Page Submit |
|                     | Type     | Numeric            |
|                     | Format   | F8.2               |

|                                 |                    |            |
|---------------------------------|--------------------|------------|
|                                 | Measurement        | Scale      |
| N                               | Valid              | 66         |
|                                 | Missing            | 126        |
| Central Tendency and Dispersion | Mean               | 993.7370   |
|                                 | Standard Deviation | 1413.59834 |
|                                 | Percentile 25      | 443.2120   |
|                                 | Percentile 50      | 637.7115   |
|                                 | Percentile 75      | 1091.3430  |

#### a5Tiopg\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1120               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 66                 |
|                                 | Missing            | 126                |
| Central Tendency and Dispersion | Mean               | 41.7273            |
|                                 | Standard Deviation | 29.09483           |
|                                 | Percentile 25      | 26.0000            |
|                                 | Percentile 50      | 33.0000            |
|                                 | Percentile 75      | 44.0000            |

#### a5\_clrate1\_1\_x1

|                                 |                    |                                                                                                                                         |       |         |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
|                                 |                    | Value                                                                                                                                   | Count | Percent |
| Standard Attributes             | Position           | 1121                                                                                                                                    |       |         |
|                                 | Label              | agree - Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. (x1) |       |         |
|                                 | Type               | Numeric                                                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                         |       |         |
| N                               | Valid              | 135                                                                                                                                     |       |         |
|                                 | Missing            | 57                                                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.73                                                                                                                                    |       |         |
|                                 | Standard Deviation | .965                                                                                                                                    |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                    |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                              | 5     | 2.6%    |
|                                 | 2                  | Slightly                                                                                                                                | 8     | 4.2%    |
|                                 | 3                  | Somewhat                                                                                                                                | 32    | 16.7%   |
|                                 | 4                  | Very much                                                                                                                               | 64    | 33.3%   |
|                                 | 5                  | Entirely                                                                                                                                | 26    | 13.5%   |

#### a5\_clrate1\_1\_x2

|                     |          |       |       |         |
|---------------------|----------|-------|-------|---------|
|                     |          | Value | Count | Percent |
| Standard Attributes | Position | 1122  |       |         |

|                                 |                    |                                                                                                                                                                                                                                      |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | agree -People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. (x2) |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                                                              |    |       |
|                                 | Format             | F8                                                                                                                                                                                                                                   |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                |    |       |
| N                               | Valid              | 135                                                                                                                                                                                                                                  |    |       |
|                                 | Missing            | 57                                                                                                                                                                                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 2.56                                                                                                                                                                                                                                 |    |       |
|                                 | Standard Deviation | 1.232                                                                                                                                                                                                                                |    |       |
|                                 | Percentile 25      | 1.00                                                                                                                                                                                                                                 |    |       |
|                                 | Percentile 50      | 2.00                                                                                                                                                                                                                                 |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                 |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                           | 34 | 17.7% |
|                                 | 2                  | Slightly                                                                                                                                                                                                                             | 35 | 18.2% |
|                                 | 3                  | Somewhat                                                                                                                                                                                                                             | 31 | 16.1% |
|                                 | 4                  | Very much                                                                                                                                                                                                                            | 27 | 14.1% |
|                                 | 5                  | Entirely                                                                                                                                                                                                                             | 8  | 4.2%  |

### a5\_clrate1\_1\_x3

|                                 |                    | Value                                                                                                                                                     | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1123                                                                                                                                                      |       |         |
|                                 | Label              | agree - Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to ones children. (x3) |       |         |
|                                 | Type               | Numeric                                                                                                                                                   |       |         |
|                                 | Format             | F8                                                                                                                                                        |       |         |
|                                 | Measurement        | Scale                                                                                                                                                     |       |         |
|                                 |                    |                                                                                                                                                           |       |         |
| N                               | Valid              | 135                                                                                                                                                       |       |         |
|                                 | Missing            | 57                                                                                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.95                                                                                                                                                      |       |         |
|                                 | Standard Deviation | .849                                                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                      |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                      |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                      |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                | 2     | 1.0%    |
|                                 | 2                  | Slightly                                                                                                                                                  | 3     | 1.6%    |
|                                 | 3                  | Somewhat                                                                                                                                                  | 31    | 16.1%   |
|                                 | 4                  | Very much                                                                                                                                                 | 63    | 32.8%   |
|                                 | 5                  | Entirely                                                                                                                                                  | 36    | 18.8%   |

### a5\_clrate1\_1\_x4

|                                 |                    | Value                                                                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1124                                                                                                                                                            |       |         |
|                                 | Label              | agree -When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. (x4) |       |         |
|                                 | Type               | Numeric                                                                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                                                                           |       |         |
|                                 |                    |                                                                                                                                                                 |       |         |
| N                               | Valid              | 135                                                                                                                                                             |       |         |
|                                 | Missing            | 57                                                                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.53                                                                                                                                                            |       |         |
|                                 | Standard Deviation | 1.057                                                                                                                                                           |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                            |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                      | 6     | 3.1%    |
|                                 | 2                  | Slightly                                                                                                                                                        | 16    | 8.3%    |
|                                 | 3                  | Somewhat                                                                                                                                                        | 37    | 19.3%   |
|                                 | 4                  | Very much                                                                                                                                                       | 52    | 27.1%   |
|                                 | 5                  | Entirely                                                                                                                                                        | 24    | 12.5%   |

### a5\_clrate1\_1\_x5

|                                 |                    | Value                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1125                                                                                                             |       |         |
|                                 | Label              | agree -Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. (x5) |       |         |
|                                 | Type               | Numeric                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                            |       |         |
|                                 |                    |                                                                                                                  |       |         |
| N                               | Valid              | 135                                                                                                              |       |         |
|                                 | Missing            | 57                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.37                                                                                                             |       |         |
|                                 | Standard Deviation | 1.028                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                       | 4     | 2.1%    |
|                                 | 2                  | Slightly                                                                                                         | 25    | 13.0%   |
|                                 | 3                  | Somewhat                                                                                                         | 41    | 21.4%   |
|                                 | 4                  | Very much                                                                                                        | 47    | 24.5%   |
|                                 | 5                  | Entirely                                                                                                         | 18    | 9.4%    |

### a5\_clrate1\_2\_x1

|                                 |                    | Value                                                                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1126                                                                                                                                     |       |         |
|                                 | Label              | import - Nanogenomics could someday allow people to change any genetic characteristic (hair, skin, eye color) that they would like. (x1) |       |         |
|                                 | Type               | Numeric                                                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                                                    |       |         |
|                                 |                    |                                                                                                                                          |       |         |
| N                               | Valid              | 135                                                                                                                                      |       |         |
|                                 | Missing            | 57                                                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 3.21                                                                                                                                     |       |         |
|                                 | Standard Deviation | 1.316                                                                                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                               | 17    | 8.9%    |
|                                 | 2                  | Slightly                                                                                                                                 | 25    | 13.0%   |
|                                 | 3                  | Somewhat                                                                                                                                 | 35    | 18.2%   |
|                                 | 4                  | Very                                                                                                                                     | 29    | 15.1%   |
|                                 | 5                  | Extremely                                                                                                                                | 29    | 15.1%   |

### a5\_clrate1\_2\_x2

|                                 |                    | Value                                                                                                                                                                                                                                  | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1127                                                                                                                                                                                                                                   |       |         |
|                                 | Label              | import - People already use (and our laws allow them to use) medical technologies to change how they look (through plastic surgery) and even their gender--use of nanogenomics for human enhancement is basically the same thing. (x2) |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                     |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                  |       |         |
|                                 |                    |                                                                                                                                                                                                                                        |       |         |
| N                               | Valid              | 135                                                                                                                                                                                                                                    |       |         |
|                                 | Missing            | 57                                                                                                                                                                                                                                     |       |         |
| Central Tendency and Dispersion | Mean               | 3.00                                                                                                                                                                                                                                   |       |         |
|                                 | Standard Deviation | 1.153                                                                                                                                                                                                                                  |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                   |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                   |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                   |       |         |

|                |   |            |    |       |
|----------------|---|------------|----|-------|
| Labeled Values | 1 | Not at all | 16 | 8.3%  |
|                | 2 | Slightly   | 26 | 13.5% |
|                | 3 | Somewhat   | 50 | 26.0% |
|                | 4 | Very       | 28 | 14.6% |
|                | 5 | Extremely  | 15 | 7.8%  |

#### a5\_clrate1\_2\_x3

|                                 |                    | Value                                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1128                                                                                                                                                       |       |         |
|                                 | Label              | import - Nanogenomics differs from prior human enhancement technologies because it involves genetic changes that could be passed on to ones children. (x3) |       |         |
|                                 | Type               | Numeric                                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                                            |       |         |
| N                               | Valid              | 135                                                                                                                                                        |       |         |
|                                 | Missing            | 57                                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.83                                                                                                                                                       |       |         |
|                                 | Standard Deviation | .997                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                       |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                       |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                 | 3     | 1.6%    |
|                                 | 2                  | Slightly                                                                                                                                                   | 9     | 4.7%    |
|                                 | 3                  | Somewhat                                                                                                                                                   | 35    | 18.2%   |
|                                 | 4                  | Very                                                                                                                                                       | 49    | 25.5%   |
|                                 | 5                  | Extremely                                                                                                                                                  | 39    | 20.3%   |

#### a5\_clrate1\_2\_x4

|                                 |                    | Value                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1129                                                                                                                                                              |       |         |
|                                 | Label              | import - When it comes to human enhancement, a "mistake" made using nanogenomic technology is much more serious than mistakes made using other technologies. (x4) |       |         |
|                                 | Type               | Numeric                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                   |       |         |
| N                               | Valid              | 135                                                                                                                                                               |       |         |
|                                 | Missing            | 57                                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 4.12                                                                                                                                                              |       |         |
|                                 | Standard Deviation | .931                                                                                                                                                              |       |         |
|                                 | Percentile 25      | 4.00                                                                                                                                                              |       |         |

|                |               |            |    |       |
|----------------|---------------|------------|----|-------|
|                | Percentile 50 | 4.00       |    |       |
|                | Percentile 75 | 5.00       |    |       |
| Labeled Values | 1             | Not at all | 1  | 0.5%  |
|                | 2             | Slightly   | 8  | 4.2%  |
|                | 3             | Somewhat   | 21 | 10.9% |
|                | 4             | Very       | 49 | 25.5% |
|                | 5             | Extremely  | 56 | 29.2% |

#### a5\_clrate1\_2\_x5

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1130                                                                                                               |       |         |
|                                 | Label              | import - Heavy regulation of nanogenomics will stifle and slow down research and development in nanogenomics. (x5) |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 135                                                                                                                |       |         |
|                                 | Missing            | 57                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.40                                                                                                               |       |         |
|                                 | Standard Deviation | 1.073                                                                                                              |       |         |
|                                 | Percentile 25      | 3.00                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 6     | 3.1%    |
|                                 | 2                  | Slightly                                                                                                           | 20    | 10.4%   |
|                                 | 3                  | Somewhat                                                                                                           | 46    | 24.0%   |
|                                 | 4                  | Very                                                                                                               | 40    | 20.8%   |
|                                 | 5                  | Extremely                                                                                                          | 23    | 12.0%   |

#### a5clmrate2\_1\_x6

|                                 |             | Value                                                                                                                                                                                                       | Count | Percent |
|---------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position    | 1131                                                                                                                                                                                                        |       |         |
|                                 | Label       | : Based on your reading and exploration so far, to what extent do you AGREE with this student's claim?...- Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. |       |         |
|                                 | Type        | Numeric                                                                                                                                                                                                     |       |         |
|                                 | Format      | F8                                                                                                                                                                                                          |       |         |
|                                 | Measurement | Scale                                                                                                                                                                                                       |       |         |
|                                 |             |                                                                                                                                                                                                             |       |         |
| N                               | Valid       | 135                                                                                                                                                                                                         |       |         |
|                                 | Missing     | 57                                                                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean        | 2.87                                                                                                                                                                                                        |       |         |

|                |                    |            |       |       |  |
|----------------|--------------------|------------|-------|-------|--|
|                | Standard Deviation |            | 1.040 |       |  |
|                | Percentile 25      |            | 2.00  |       |  |
|                | Percentile 50      |            | 3.00  |       |  |
|                | Percentile 75      |            | 4.00  |       |  |
| Labeled Values | 1                  | Not at all | 14    | 7.3%  |  |
|                | 2                  | Slightly   | 33    | 17.2% |  |
|                | 3                  | Somewhat   | 51    | 26.6% |  |
|                | 4                  | Very much  | 30    | 15.6% |  |
|                | 5                  | Entirely   | 7     | 3.6%  |  |

#### a5clmrate2\_1\_x7

|                                 |                    | Value                                                                                                                                                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1132                                                                                                                                                                                                                                                                        |       |         |
|                                 | Label              | : Based on your reading and exploration so far, to what extent do you AGREE with this student's claim?...-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                                                                                                                                                             |       |         |
| N                               | Valid              | 135                                                                                                                                                                                                                                                                         |       |         |
|                                 | Missing            | 57                                                                                                                                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.61                                                                                                                                                                                                                                                                        |       |         |
|                                 | Standard Deviation | .963                                                                                                                                                                                                                                                                        |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                                                                        |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                  | 0     | 0.0%    |
|                                 | 2                  | Slightly                                                                                                                                                                                                                                                                    | 19    | 9.9%    |
|                                 | 3                  | Somewhat                                                                                                                                                                                                                                                                    | 42    | 21.9%   |
|                                 | 4                  | Very much                                                                                                                                                                                                                                                                   | 47    | 24.5%   |
|                                 | 5                  | Entirely                                                                                                                                                                                                                                                                    | 27    | 14.1%   |

#### a5clmrate2\_1\_x8

|                     |          | Value                                                                                                                                                                                        | Count | Percent |
|---------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1133                                                                                                                                                                                         |       |         |
|                     | Label    | : Based on your reading and exploration so far, to what extent do you AGREE with this student's claim?...-Nanogenomics will someday let people choose the genetic make up of their children. |       |         |

|                                 |                    |            |    |       |
|---------------------------------|--------------------|------------|----|-------|
|                                 | Type               | Numeric    |    |       |
|                                 | Format             | F8         |    |       |
|                                 | Measurement        | Scale      |    |       |
| N                               | Valid              | 135        |    |       |
|                                 | Missing            | 57         |    |       |
| Central Tendency and Dispersion | Mean               | 3.39       |    |       |
|                                 | Standard Deviation | 1.001      |    |       |
|                                 | Percentile 25      | 3.00       |    |       |
|                                 | Percentile 50      | 4.00       |    |       |
|                                 | Percentile 75      | 4.00       |    |       |
| Labeled Values                  | 1                  | Not at all | 5  | 2.6%  |
|                                 | 2                  | Slightly   | 21 | 10.9% |
|                                 | 3                  | Somewhat   | 40 | 20.8% |
|                                 | 4                  | Very much  | 54 | 28.1% |
|                                 | 5                  | Entirely   | 15 | 7.8%  |

#### a5clmrate2\_1\_x13

|                                 |                    | Value                                                                                                                                                                                                                                             | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1134                                                                                                                                                                                                                                              |       |         |
|                                 | Label              | : Based on your reading and exploration so far, to what extent do you AGREE with this student's claim?...- Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                           |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                             |       |         |
|                                 |                    |                                                                                                                                                                                                                                                   |       |         |
|                                 |                    |                                                                                                                                                                                                                                                   |       |         |
| N                               | Valid              | 135                                                                                                                                                                                                                                               |       |         |
|                                 | Missing            | 57                                                                                                                                                                                                                                                |       |         |
| Central Tendency and Dispersion | Mean               | 2.70                                                                                                                                                                                                                                              |       |         |
|                                 | Standard Deviation | 1.017                                                                                                                                                                                                                                             |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                              |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                                                                                                                              |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                        | 18    | 9.4%    |
|                                 | 2                  | Slightly                                                                                                                                                                                                                                          | 37    | 19.3%   |
|                                 | 3                  | Somewhat                                                                                                                                                                                                                                          | 53    | 27.6%   |
|                                 | 4                  | Very much                                                                                                                                                                                                                                         | 22    | 11.5%   |
|                                 | 5                  | Entirely                                                                                                                                                                                                                                          | 5     | 2.6%    |

#### a5clmrate2\_1\_x14

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1135  |       |         |

|                                 |                    |                                                                                                                                                                                        |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | : Based on your reading and exploration so far, to what extent do you AGREE with this student's claim?...- Nanogenomic technology is being used to diagnose (not just treat) diseases. |    |       |
|                                 | Type               | Numeric                                                                                                                                                                                |    |       |
|                                 | Format             | F8                                                                                                                                                                                     |    |       |
|                                 | Measurement        | Scale                                                                                                                                                                                  |    |       |
| N                               | Valid              | 135                                                                                                                                                                                    |    |       |
|                                 | Missing            | 57                                                                                                                                                                                     |    |       |
| Central Tendency and Dispersion | Mean               | 3.55                                                                                                                                                                                   |    |       |
|                                 | Standard Deviation | .944                                                                                                                                                                                   |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                   |    |       |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                   |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                   |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                             | 4  | 2.1%  |
|                                 | 2                  | Slightly                                                                                                                                                                               | 12 | 6.3%  |
|                                 | 3                  | Somewhat                                                                                                                                                                               | 44 | 22.9% |
|                                 | 4                  | Very much                                                                                                                                                                              | 56 | 29.2% |
|                                 | 5                  | Entirely                                                                                                                                                                               | 19 | 9.9%  |

#### a5clmrate2\_2\_x6

|                                 |                    | Value                                                                                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1136                                                                                                                                                                                                       |       |         |
|                                 | Label              | : When considering how much to regulate nanogenomics research and development, how IMPORTANT is this c...-Heavy regulation will prevent the creative work that is necessary for life-saving breakthroughs. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                      |       |         |
|                                 | Valid              | 135                                                                                                                                                                                                        |       |         |
|                                 | Missing            | 57                                                                                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                                                                                                                                                                                       |       |         |
|                                 | Standard Deviation | 1.017                                                                                                                                                                                                      |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                 | 5     | 2.6%    |
|                                 | 2                  | Slightly                                                                                                                                                                                                   | 24    | 12.5%   |
|                                 | 3                  | Somewhat                                                                                                                                                                                                   | 47    | 24.5%   |
|                                 | 4                  | Very                                                                                                                                                                                                       | 43    | 22.4%   |
|                                 | 5                  | Extremely                                                                                                                                                                                                  | 16    | 8.3%    |

### a5clmrate2\_2\_x7

|                                 |                    | Value                                                                                                                                                                                                                                                                       | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1137                                                                                                                                                                                                                                                                        |       |         |
|                                 | Label              | : When considering how much to regulate nanogenomics research and development, how IMPORTANT is this c...-At the nano-scale, materials change their properties: For example, elements that don't conduct electricity at normal scales may suddenly do so at the nano-level. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                                                     |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                                                          |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                                                       |       |         |
|                                 |                    |                                                                                                                                                                                                                                                                             |       |         |
| N                               | Valid              | 135                                                                                                                                                                                                                                                                         |       |         |
|                                 | Missing            | 57                                                                                                                                                                                                                                                                          |       |         |
| Central Tendency and Dispersion | Mean               | 3.57                                                                                                                                                                                                                                                                        |       |         |
|                                 | Standard Deviation | 1.117                                                                                                                                                                                                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                                                                        |       |         |
|                                 | Percentile 50      | 4.00                                                                                                                                                                                                                                                                        |       |         |
|                                 | Percentile 75      | 5.00                                                                                                                                                                                                                                                                        |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                                                  | 4     | 2.1%    |
|                                 | 2                  | Slightly                                                                                                                                                                                                                                                                    | 21    | 10.9%   |
|                                 | 3                  | Somewhat                                                                                                                                                                                                                                                                    | 38    | 19.8%   |
|                                 | 4                  | Very                                                                                                                                                                                                                                                                        | 38    | 19.8%   |
|                                 | 5                  | Extremely                                                                                                                                                                                                                                                                   | 34    | 17.7%   |

### a5clmrate2\_2\_x8

|                                 |                    | Value                                                                                                                                                                                        | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1138                                                                                                                                                                                         |       |         |
|                                 | Label              | : When considering how much to regulate nanogenomics research and development, how IMPORTANT is this c...-Nanogenomics will someday let people choose the genetic make up of their children. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                      |       |         |
|                                 | Format             | F8                                                                                                                                                                                           |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                        |       |         |
|                                 |                    |                                                                                                                                                                                              |       |         |
| N                               | Valid              | 135                                                                                                                                                                                          |       |         |
|                                 | Missing            | 57                                                                                                                                                                                           |       |         |
| Central Tendency and Dispersion | Mean               | 3.41                                                                                                                                                                                         |       |         |
|                                 | Standard Deviation | 1.277                                                                                                                                                                                        |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                                         |       |         |

|                |               |            |    |       |
|----------------|---------------|------------|----|-------|
|                | Percentile 50 | 4.00       |    |       |
|                | Percentile 75 | 5.00       |    |       |
| Labeled Values | 1             | Not at all | 12 | 6.3%  |
|                | 2             | Slightly   | 23 | 12.0% |
|                | 3             | Somewhat   | 32 | 16.7% |
|                | 4             | Very       | 34 | 17.7% |
|                | 5             | Extremely  | 34 | 17.7% |

#### a5clmrate2\_2\_x13

|                                 |                    | Value                                                                                                                                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1139                                                                                                                                                                                                                                             |       |         |
|                                 | Label              | : When considering how much to regulate nanogenomics research and development, how IMPORTANT is this c...-Slowing down nanogenomic research will cost zillions of lives as people waiting for this research will die of their genetic disorders. |       |         |
|                                 | Type               | Numeric                                                                                                                                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                                                                                                                                  |       |         |
| N                               | Valid              | 135                                                                                                                                                                                                                                              |       |         |
|                                 | Missing            | 57                                                                                                                                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.22                                                                                                                                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.163                                                                                                                                                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                                                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                                                                                                       | 13    | 6.8%    |
|                                 | 2                  | Slightly                                                                                                                                                                                                                                         | 20    | 10.4%   |
|                                 | 3                  | Somewhat                                                                                                                                                                                                                                         | 46    | 24.0%   |
|                                 | 4                  | Very                                                                                                                                                                                                                                             | 36    | 18.8%   |
|                                 | 5                  | Extremely                                                                                                                                                                                                                                        | 20    | 10.4%   |

#### a5clmrate2\_2\_x14

|                     |             | Value                                                                                                                                                                                 | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1140                                                                                                                                                                                  |       |         |
|                     | Label       | : When considering how much to regulate nanogenomics research and development, how IMPORTANT is this c...-Nanogenomic technology is being used to diagnose (not just treat) diseases. |       |         |
|                     | Type        | Numeric                                                                                                                                                                               |       |         |
|                     | Format      | F8                                                                                                                                                                                    |       |         |
|                     | Measurement | Scale                                                                                                                                                                                 |       |         |
|                     |             |                                                                                                                                                                                       |       |         |

|                                 |                    |            |    |       |
|---------------------------------|--------------------|------------|----|-------|
| N                               | Valid              | 135        |    |       |
|                                 | Missing            | 57         |    |       |
| Central Tendency and Dispersion | Mean               | 3.61       |    |       |
|                                 | Standard Deviation | .970       |    |       |
|                                 | Percentile 25      | 3.00       |    |       |
|                                 | Percentile 50      | 4.00       |    |       |
|                                 | Percentile 75      | 4.00       |    |       |
| Labeled Values                  | 1                  | Not at all | 5  | 2.6%  |
|                                 | 2                  | Slightly   | 7  | 3.6%  |
|                                 | 3                  | Somewhat   | 49 | 25.5% |
|                                 | 4                  | Very       | 49 | 25.5% |
|                                 | 5                  | Extremely  | 25 | 13.0% |

### a5Tfinrate\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 1141               |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 57.5203            |
|                                 | Standard Deviation | 103.56259          |
|                                 | Percentile 25      | 14.4290            |
|                                 | Percentile 50      | 26.0330            |
|                                 | Percentile 75      | 47.8160            |

### a5Tfinrate\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
| Value                           |                    |                   |
| Standard Attributes             | Position           | 1142              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 135               |
|                                 | Missing            | 57                |
| Central Tendency and Dispersion | Mean               | 286.3142          |
|                                 | Standard Deviation | 892.47305         |
|                                 | Percentile 25      | 97.3860           |
|                                 | Percentile 50      | 145.3300          |
|                                 | Percentile 75      | 246.3390          |

### a5Tfinrate\_3

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
| Value                           |                    |                    |
| Standard Attributes             | Position           | 1143               |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 288.1976           |
|                                 | Standard Deviation | 892.39859          |
|                                 | Percentile 25      | 98.3850            |
|                                 | Percentile 50      | 146.4400           |
|                                 | Percentile 75      | 250.0840           |

### a5Tfinrate\_4

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1144               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 24.2222            |
|                                 | Standard Deviation | 4.79220            |
|                                 | Percentile 25      | 21.0000            |
|                                 | Percentile 50      | 23.0000            |
|                                 | Percentile 75      | 25.0000            |

### Q159

|                                 |                    | Value                                                                                                 |
|---------------------------------|--------------------|-------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 1145                                                                                                  |
|                                 | Label              | Overarching Focus Questions... Now that you have had a chance to think more about the various clai... |
|                                 | Type               | Numeric                                                                                               |
|                                 | Format             | F8                                                                                                    |
|                                 | Measurement        | Scale                                                                                                 |
| N                               | Valid              | 135                                                                                                   |
|                                 | Missing            | 57                                                                                                    |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                  |
|                                 | Standard Deviation | .000                                                                                                  |
|                                 | Percentile 25      | 1.00                                                                                                  |
|                                 | Percentile 50      | 1.00                                                                                                  |
|                                 | Percentile 75      | 1.00                                                                                                  |

### a5\_riskben

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1146                                                                                                    |       |         |
|                                 | Label              | Based on what you now know: Do you think the risks of nanogenomics research and development outweigh... |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
| N                               | Valid              | 135                                                                                                     |       |         |
|                                 | Missing            | 57                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 4.33                                                                                                    |       |         |
|                                 | Standard Deviation | 1.621                                                                                                   |       |         |
|                                 | Percentile 25      | 3.00                                                                                                    |       |         |
|                                 | Percentile 50      | 5.00                                                                                                    |       |         |
|                                 | Percentile 75      | 6.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | The risks greatly outweigh the benefits                                                                 | 5     | 2.6%    |

|  |   |                                          |    |       |
|--|---|------------------------------------------|----|-------|
|  | 2 | The risks somewhat outweigh the benefits | 18 | 9.4%  |
|  | 3 | The risks slightly outweigh the benefits | 21 | 10.9% |
|  | 4 | The risks and benefits are equal         | 21 | 10.9% |
|  | 5 | The benefits slightly outweigh the risks | 32 | 16.7% |
|  | 6 | The benefits somewhat outweigh the risks | 29 | 15.1% |
|  | 7 | The benefits greatly outweigh the risks  | 9  | 4.7%  |
|  |   |                                          |    |       |
|  |   |                                          |    |       |

#### a5rbchgm

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1147                                                                                                    |       |         |
|                                 | Label              | To what extent did you change your mind about the risk/benefits question above as a result of comple... |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 135                                                                                                     |       |         |
|                                 | Missing            | 57                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 1.80                                                                                                    |       |         |
|                                 | Standard Deviation | .945                                                                                                    |       |         |
|                                 | Percentile 25      | 1.00                                                                                                    |       |         |
|                                 | Percentile 50      | 1.00                                                                                                    |       |         |
|                                 | Percentile 75      | 2.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                              | 68    | 35.4%   |
|                                 | 2                  | Just a little                                                                                           | 34    | 17.7%   |
|                                 | 3                  | Some                                                                                                    | 25    | 13.0%   |
|                                 | 4                  | Quite a bit                                                                                             | 8     | 4.2%    |
|                                 | 5                  | A great deal                                                                                            | 0     | 0.0%    |

#### a5\_regslid

|                                 |                    | Value                                                                                                               |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 1148                                                                                                                |
|                                 | Label              | In your opinion, how much regulation is needed with respect to nanogenomics research and development...-None at all |
|                                 | Type               | Numeric                                                                                                             |
|                                 | Format             | F8.2                                                                                                                |
|                                 | Measurement        | Scale                                                                                                               |
|                                 |                    |                                                                                                                     |
| N                               | Valid              | 135                                                                                                                 |
|                                 | Missing            | 57                                                                                                                  |
| Central Tendency and Dispersion | Mean               | 65.8074                                                                                                             |
|                                 | Standard Deviation | 20.49954                                                                                                            |
|                                 | Percentile 25      | 50.0000                                                                                                             |
|                                 | Percentile 50      | 70.0000                                                                                                             |
|                                 | Percentile 75      | 81.0000                                                                                                             |

### a5regchgm

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1149                                                                                                    |       |         |
|                                 | Label              | To what extent did you change your mind about the regulation question above as a result of completin... |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 135                                                                                                     |       |         |
|                                 | Missing            | 57                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 1.68                                                                                                    |       |         |
|                                 | Standard Deviation | .886                                                                                                    |       |         |
|                                 | Percentile 25      | 1.00                                                                                                    |       |         |
|                                 | Percentile 50      | 1.00                                                                                                    |       |         |
|                                 | Percentile 75      | 2.00                                                                                                    |       |         |
|                                 |                    |                                                                                                         |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                              | 74    | 38.5%   |
|                                 | 2                  | Just a little                                                                                           | 37    | 19.3%   |
|                                 | 3                  | Some                                                                                                    | 17    | 8.9%    |
|                                 | 4                  | Quite a bit                                                                                             | 7     | 3.6%    |
|                                 | 5                  | A great deal                                                                                            | 0     | 0.0%    |
|                                 |                    |                                                                                                         |       |         |

### a5Tfocusq\_1

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1150               |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
|                                 |                    |                    |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 42.1309            |
|                                 | Standard Deviation | 142.09301          |
|                                 | Percentile 25      | 6.6470             |
|                                 | Percentile 50      | 9.8110             |
|                                 | Percentile 75      | 18.6050            |
|                                 |                    |                    |

### a5Tfocusq\_2

|                                 |                    | Value             |
|---------------------------------|--------------------|-------------------|
| Standard Attributes             | Position           | 1151              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
|                                 |                    |                   |
| N                               | Valid              | 135               |
|                                 | Missing            | 57                |
| Central Tendency and Dispersion | Mean               | 92.7797           |
|                                 | Standard Deviation | 216.36031         |
|                                 | Percentile 25      | 28.9800           |
|                                 | Percentile 50      | 38.9380           |
|                                 | Percentile 75      | 69.4500           |
|                                 |                    |                   |

**a5Tfocusq\_3**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1152               |
|                                 | Label              | Timing-Page Submit |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 126.4611           |
|                                 | Standard Deviation | 220.40983          |
|                                 | Percentile 25      | 41.1030            |
|                                 | Percentile 50      | 68.1120            |
|                                 | Percentile 75      | 124.7910           |

**a5Tfocusq\_4**

|                                 |                    | Value              |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1153               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 7.8519             |
|                                 | Standard Deviation | 6.05389            |
|                                 | Percentile 25      | 5.0000             |
|                                 | Percentile 50      | 6.0000             |
|                                 | Percentile 75      | 8.0000             |

**Q349**

|                                 |                    | Value                 |
|---------------------------------|--------------------|-----------------------|
| Standard Attributes             | Position           | 1154                  |
|                                 | Label              | Assignment Evaluation |
|                                 | Type               | Numeric               |
|                                 | Format             | F8                    |
|                                 | Measurement        | Scale                 |
| N                               | Valid              | 135                   |
|                                 | Missing            | 57                    |
| Central Tendency and Dispersion | Mean               | 1.00                  |
|                                 | Standard Deviation | .000                  |
|                                 | Percentile 25      | 1.00                  |
|                                 | Percentile 50      | 1.00                  |
|                                 | Percentile 75      | 1.00                  |

**Q362**

|                                 |                    | Value                                                                                                   |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|
| Standard Attributes             | Position           | 1155                                                                                                    |
|                                 | Label              | These "New Biology" assignments are being developed with assistance from the UNL Public Policy Cente... |
|                                 | Type               | Numeric                                                                                                 |
|                                 | Format             | F8                                                                                                      |
|                                 | Measurement        | Scale                                                                                                   |
| N                               | Valid              | 135                                                                                                     |
|                                 | Missing            | 57                                                                                                      |
| Central Tendency and Dispersion | Mean               | 1.00                                                                                                    |
|                                 | Standard Deviation | .000                                                                                                    |
|                                 | Percentile 25      | 1.00                                                                                                    |

|  |               |      |
|--|---------------|------|
|  | Percentile 50 | 1.00 |
|  | Percentile 75 | 1.00 |

### a5asgnusef

|                                 |                    | Value                                                                                                   | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1156                                                                                                    |       |         |
|                                 | Label              | Overall, how useful was this assignment for helping you to think more about Nanogenomics and prepari... |       |         |
|                                 | Type               | Numeric                                                                                                 |       |         |
|                                 | Format             | F8                                                                                                      |       |         |
|                                 | Measurement        | Scale                                                                                                   |       |         |
|                                 |                    |                                                                                                         |       |         |
| N                               | Valid              | 135                                                                                                     |       |         |
|                                 | Missing            | 57                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                    |       |         |
|                                 | Standard Deviation | 1.010                                                                                                   |       |         |
|                                 | Percentile 25      | 2.00                                                                                                    |       |         |
|                                 | Percentile 50      | 3.00                                                                                                    |       |         |
|                                 | Percentile 75      | 4.00                                                                                                    |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                              | 12    | 6.3%    |
|                                 | 2                  | Slightly                                                                                                | 30    | 15.6%   |
|                                 | 3                  | Somewhat                                                                                                | 52    | 27.1%   |
|                                 | 4                  | Quite                                                                                                   | 35    | 18.2%   |
|                                 | 5                  | Extremely                                                                                               | 6     | 3.1%    |

### a5asnAeng\_1

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1157                                                                                                               |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Interested |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 135                                                                                                                |       |         |
|                                 | Missing            | 57                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 3.25                                                                                                               |       |         |
|                                 | Standard Deviation | .895                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                               |       |         |
|                                 | Percentile 50      | 3.00                                                                                                               |       |         |
|                                 | Percentile 75      | 4.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 3     | 1.6%    |
|                                 | 2                  | Just a little                                                                                                      | 24    | 12.5%   |
|                                 | 3                  | Some                                                                                                               | 52    | 27.1%   |
|                                 | 4                  | Quite a bit                                                                                                        | 48    | 25.0%   |
|                                 | 5                  | A great deal                                                                                                       | 8     | 4.2%    |

### a5asnAeng\_2

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1158                                                                                                            |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Annoyed |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 135                                                                                                             |       |         |
|                                 | Missing            | 57                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 2.17                                                                                                            |       |         |
|                                 | Standard Deviation | 1.055                                                                                                           |       |         |
|                                 | Percentile 25      | 1.00                                                                                                            |       |         |
|                                 | Percentile 50      | 2.00                                                                                                            |       |         |
|                                 | Percentile 75      | 3.00                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                      | 43    | 22.4%   |
|                                 | 2                  | Just a little                                                                                                   | 44    | 22.9%   |
|                                 | 3                  | Some                                                                                                            | 34    | 17.7%   |
|                                 | 4                  | Quite a bit                                                                                                     | 10    | 5.2%    |
|                                 | 5                  | A great deal                                                                                                    | 4     | 2.1%    |

### a5asnAeng\_3

|                                 |                    | Value                                                                                                               | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1159                                                                                                                |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Open-minded |       |         |
|                                 | Type               | Numeric                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                               |       |         |
|                                 |                    |                                                                                                                     |       |         |
| N                               | Valid              | 135                                                                                                                 |       |         |
|                                 | Missing            | 57                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.34                                                                                                                |       |         |
|                                 | Standard Deviation | .986                                                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                          | 7     | 3.6%    |
|                                 | 2                  | Just a little                                                                                                       | 17    | 8.9%    |
|                                 | 3                  | Some                                                                                                                | 46    | 24.0%   |
|                                 | 4                  | Quite a bit                                                                                                         | 53    | 27.6%   |
|                                 | 5                  | A great deal                                                                                                        | 12    | 6.3%    |

#### a5asnAeng\_4

|                                 |                    | Value                                                                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1160                                                                                                          |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Bored |       |         |
|                                 | Type               | Numeric                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                         |       |         |
|                                 |                    |                                                                                                               |       |         |
| N                               | Valid              | 135                                                                                                           |       |         |
|                                 | Missing            | 57                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.60                                                                                                          |       |         |
|                                 | Standard Deviation | 1.052                                                                                                         |       |         |
|                                 | Percentile 25      | 2.00                                                                                                          |       |         |
|                                 | Percentile 50      | 2.00                                                                                                          |       |         |
|                                 | Percentile 75      | 3.00                                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                    | 17    | 8.9%    |
|                                 | 2                  | Just a little                                                                                                 | 53    | 27.6%   |
|                                 | 3                  | Some                                                                                                          | 40    | 20.8%   |
|                                 | 4                  | Quite a bit                                                                                                   | 17    | 8.9%    |
|                                 | 5                  | A great deal                                                                                                  | 8     | 4.2%    |

#### a5asnAeng\_5

|                                 |                    | Value                                                                                                           | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1161                                                                                                            |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Focused |       |         |
|                                 | Type               | Numeric                                                                                                         |       |         |
|                                 | Format             | F8                                                                                                              |       |         |
|                                 | Measurement        | Scale                                                                                                           |       |         |
|                                 |                    |                                                                                                                 |       |         |
| N                               | Valid              | 135                                                                                                             |       |         |
|                                 | Missing            | 57                                                                                                              |       |         |
| Central Tendency and Dispersion | Mean               | 3.27                                                                                                            |       |         |
|                                 | Standard Deviation | .899                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                            |       |         |
|                                 | Percentile 50      | 3.00                                                                                                            |       |         |
|                                 | Percentile 75      | 4.00                                                                                                            |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                      | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                                                   | 20    | 10.4%   |
|                                 | 3                  | Some                                                                                                            | 50    | 26.0%   |
|                                 | 4                  | Quite a bit                                                                                                     | 54    | 28.1%   |
|                                 | 5                  | A great deal                                                                                                    | 6     | 3.1%    |

#### a5asnAeng\_6

|  | Value | Count | Percent |
|--|-------|-------|---------|
|--|-------|-------|---------|

|                                 |                    |                                                                                                                    |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|----|-------|
| Standard Attributes             | Position           | 1162                                                                                                               |    |       |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Frustrated |    |       |
|                                 | Type               | Numeric                                                                                                            |    |       |
|                                 | Format             | F8                                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                                              |    |       |
|                                 |                    |                                                                                                                    |    |       |
| N                               | Valid              | 135                                                                                                                |    |       |
|                                 | Missing            | 57                                                                                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 2.01                                                                                                               |    |       |
|                                 | Standard Deviation | .977                                                                                                               |    |       |
|                                 | Percentile 25      | 1.00                                                                                                               |    |       |
|                                 | Percentile 50      | 2.00                                                                                                               |    |       |
|                                 | Percentile 75      | 3.00                                                                                                               |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 49 | 25.5% |
|                                 | 2                  | Just a little                                                                                                      | 46 | 24.0% |
|                                 | 3                  | Some                                                                                                               | 32 | 16.7% |
|                                 | 4                  | Quite a bit                                                                                                        | 5  | 2.6%  |
|                                 | 5                  | A great deal                                                                                                       | 3  | 1.6%  |

#### a5asnAeng\_7

|                                 |                    | Value                                                                                                               | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1163                                                                                                                |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Competitive |       |         |
|                                 | Type               | Numeric                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                               |       |         |
|                                 |                    |                                                                                                                     |       |         |
| N                               | Valid              | 135                                                                                                                 |       |         |
|                                 | Missing            | 57                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 2.10                                                                                                                |       |         |
|                                 | Standard Deviation | 1.108                                                                                                               |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                          | 55    | 28.6%   |
|                                 | 2                  | Just a little                                                                                                       | 30    | 15.6%   |
|                                 | 3                  | Some                                                                                                                | 33    | 17.2%   |
|                                 | 4                  | Quite a bit                                                                                                         | 15    | 7.8%    |
|                                 | 5                  | A great deal                                                                                                        | 2     | 1.0%    |

#### a5asnAeng\_8

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1164  |       |         |

|                                 |                    |                                                                                                                |    |       |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Closed |    |       |
|                                 | Type               | Numeric                                                                                                        |    |       |
|                                 | Format             | F8                                                                                                             |    |       |
|                                 | Measurement        | Scale                                                                                                          |    |       |
| N                               | Valid              | 135                                                                                                            |    |       |
|                                 | Missing            | 57                                                                                                             |    |       |
| Central Tendency and Dispersion | Mean               | 1.88                                                                                                           |    |       |
|                                 | Standard Deviation | .890                                                                                                           |    |       |
|                                 | Percentile 25      | 1.00                                                                                                           |    |       |
|                                 | Percentile 50      | 2.00                                                                                                           |    |       |
|                                 | Percentile 75      | 2.00                                                                                                           |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                     | 55 | 28.6% |
|                                 | 2                  | Just a little                                                                                                  | 47 | 24.5% |
|                                 | 3                  | Some                                                                                                           | 28 | 14.6% |
|                                 | 4                  | Quite a bit                                                                                                    | 4  | 2.1%  |
|                                 | 5                  | A great deal                                                                                                   | 1  | 0.5%  |

#### a5asnAeng\_9

|                                 |                    | Value                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1165                                                                                                             |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Creative |       |         |
|                                 | Type               | Numeric                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                            |       |         |
|                                 |                    |                                                                                                                  |       |         |
| N                               | Valid              | 135                                                                                                              |       |         |
|                                 | Missing            | 57                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 2.86                                                                                                             |       |         |
|                                 | Standard Deviation | 1.094                                                                                                            |       |         |
|                                 | Percentile 25      | 2.00                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                       | 15    | 7.8%    |
|                                 | 2                  | Just a little                                                                                                    | 36    | 18.8%   |
|                                 | 3                  | Some                                                                                                             | 47    | 24.5%   |
|                                 | 4                  | Quite a bit                                                                                                      | 27    | 14.1%   |
|                                 | 5                  | A great deal                                                                                                     | 10    | 5.2%    |

#### a5asnAeng\_10

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1166  |       |         |

|                                 |                    |                                                                                                                                                  |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Like I wished I was doing something else |    |       |
|                                 | Type               | Numeric                                                                                                                                          |    |       |
|                                 | Format             | F8                                                                                                                                               |    |       |
|                                 | Measurement        | Scale                                                                                                                                            |    |       |
| N                               | Valid              | 135                                                                                                                                              |    |       |
|                                 | Missing            | 57                                                                                                                                               |    |       |
| Central Tendency and Dispersion | Mean               | 2.81                                                                                                                                             |    |       |
|                                 | Standard Deviation | 1.160                                                                                                                                            |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                             |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                             |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                             |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                                       | 18 | 9.4%  |
|                                 | 2                  | Just a little                                                                                                                                    | 38 | 19.8% |
|                                 | 3                  | Some                                                                                                                                             | 43 | 22.4% |
|                                 | 4                  | Quite a bit                                                                                                                                      | 23 | 12.0% |
|                                 | 5                  | A great deal                                                                                                                                     | 13 | 6.8%  |

#### a5asnAeng\_11

|                                 |                    | Value                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1167                                                                                                                       |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Like being careful |       |         |
|                                 | Type               | Numeric                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                      |       |         |
|                                 |                    |                                                                                                                            |       |         |
| N                               | Valid              | 135                                                                                                                        |       |         |
|                                 | Missing            | 57                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 3.28                                                                                                                       |       |         |
|                                 | Standard Deviation | .920                                                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                 | 7     | 3.6%    |
|                                 | 2                  | Just a little                                                                                                              | 14    | 7.3%    |
|                                 | 3                  | Some                                                                                                                       | 56    | 29.2%   |
|                                 | 4                  | Quite a bit                                                                                                                | 50    | 26.0%   |
|                                 | 5                  | A great deal                                                                                                               | 8     | 4.2%    |

#### a5asnAeng\_12

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1168  |       |         |

|                                 |                    |                                                                                                                                          |    |       |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Like my mind was already made up |    |       |
|                                 | Type               | Numeric                                                                                                                                  |    |       |
|                                 | Format             | F8                                                                                                                                       |    |       |
|                                 | Measurement        | Scale                                                                                                                                    |    |       |
| N                               | Valid              | 135                                                                                                                                      |    |       |
|                                 | Missing            | 57                                                                                                                                       |    |       |
| Central Tendency and Dispersion | Mean               | 2.95                                                                                                                                     |    |       |
|                                 | Standard Deviation | 1.039                                                                                                                                    |    |       |
|                                 | Percentile 25      | 2.00                                                                                                                                     |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                                     |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                                     |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                               | 12 | 6.3%  |
|                                 | 2                  | Just a little                                                                                                                            | 31 | 16.1% |
|                                 | 3                  | Some                                                                                                                                     | 53 | 27.6% |
|                                 | 4                  | Quite a bit                                                                                                                              | 30 | 15.6% |
|                                 | 5                  | A great deal                                                                                                                             | 9  | 4.7%  |

#### a5asnAeng\_13

|                                 |                    | Value                                                                                                               | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1169                                                                                                                |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Responsible |       |         |
|                                 | Type               | Numeric                                                                                                             |       |         |
|                                 | Format             | F8                                                                                                                  |       |         |
|                                 | Measurement        | Scale                                                                                                               |       |         |
|                                 |                    |                                                                                                                     |       |         |
| N                               | Valid              | 135                                                                                                                 |       |         |
|                                 | Missing            | 57                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.24                                                                                                                |       |         |
|                                 | Standard Deviation | 1.026                                                                                                               |       |         |
|                                 | Percentile 25      | 3.00                                                                                                                |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                          | 8     | 4.2%    |
|                                 | 2                  | Just a little                                                                                                       | 22    | 11.5%   |
|                                 | 3                  | Some                                                                                                                | 46    | 24.0%   |
|                                 | 4                  | Quite a bit                                                                                                         | 47    | 24.5%   |
|                                 | 5                  | A great deal                                                                                                        | 12    | 6.3%    |

#### a5asnAeng\_14

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1170  |       |         |

|                                 |                    |                                                                                                                 |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Engaged |    |       |
|                                 | Type               | Numeric                                                                                                         |    |       |
|                                 | Format             | F8                                                                                                              |    |       |
|                                 | Measurement        | Scale                                                                                                           |    |       |
| N                               | Valid              | 135                                                                                                             |    |       |
|                                 | Missing            | 57                                                                                                              |    |       |
| Central Tendency and Dispersion | Mean               | 3.15                                                                                                            |    |       |
|                                 | Standard Deviation | .996                                                                                                            |    |       |
|                                 | Percentile 25      | 3.00                                                                                                            |    |       |
|                                 | Percentile 50      | 3.00                                                                                                            |    |       |
|                                 | Percentile 75      | 4.00                                                                                                            |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                      | 9  | 4.7%  |
|                                 | 2                  | Just a little                                                                                                   | 21 | 10.9% |
|                                 | 3                  | Some                                                                                                            | 56 | 29.2% |
|                                 | 4                  | Quite a bit                                                                                                     | 39 | 20.3% |
|                                 | 5                  | A great deal                                                                                                    | 10 | 5.2%  |

#### a5asnAeng\_15

|                                 |                    | Value                                                                                                              | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1171                                                                                                               |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Distracted |       |         |
|                                 | Type               | Numeric                                                                                                            |       |         |
|                                 | Format             | F8                                                                                                                 |       |         |
|                                 | Measurement        | Scale                                                                                                              |       |         |
|                                 |                    |                                                                                                                    |       |         |
| N                               | Valid              | 135                                                                                                                |       |         |
|                                 | Missing            | 57                                                                                                                 |       |         |
| Central Tendency and Dispersion | Mean               | 2.21                                                                                                               |       |         |
|                                 | Standard Deviation | 1.032                                                                                                              |       |         |
|                                 | Percentile 25      | 1.00                                                                                                               |       |         |
|                                 | Percentile 50      | 2.00                                                                                                               |       |         |
|                                 | Percentile 75      | 3.00                                                                                                               |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 34    | 17.7%   |
|                                 | 2                  | Just a little                                                                                                      | 58    | 30.2%   |
|                                 | 3                  | Some                                                                                                               | 29    | 15.1%   |
|                                 | 4                  | Quite a bit                                                                                                        | 8     | 4.2%    |
|                                 | 5                  | A great deal                                                                                                       | 6     | 3.1%    |

#### a5asnAeng\_16

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1172  |       |         |

|                                 |                    |                                                                                                                       |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Conscientious |    |       |
|                                 | Type               | Numeric                                                                                                               |    |       |
|                                 | Format             | F8                                                                                                                    |    |       |
|                                 | Measurement        | Scale                                                                                                                 |    |       |
| N                               | Valid              | 135                                                                                                                   |    |       |
|                                 | Missing            | 57                                                                                                                    |    |       |
| Central Tendency and Dispersion | Mean               | 3.22                                                                                                                  |    |       |
|                                 | Standard Deviation | 1.012                                                                                                                 |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                  |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                  |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                  |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                            | 9  | 4.7%  |
|                                 | 2                  | Just a little                                                                                                         | 20 | 10.4% |
|                                 | 3                  | Some                                                                                                                  | 48 | 25.0% |
|                                 | 4                  | Quite a bit                                                                                                           | 48 | 25.0% |
|                                 | 5                  | A great deal                                                                                                          | 10 | 5.2%  |

#### a5asnAeng\_17

|                                 |                    | Value                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1173                                                                                                                  |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Argumentative |       |         |
|                                 | Type               | Numeric                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                 |       |         |
|                                 |                    |                                                                                                                       |       |         |
| N                               | Valid              | 135                                                                                                                   |       |         |
|                                 | Missing            | 57                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.79                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.030                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                  |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                            | 15    | 7.8%    |
|                                 | 2                  | Just a little                                                                                                         | 37    | 19.3%   |
|                                 | 3                  | Some                                                                                                                  | 50    | 26.0%   |
|                                 | 4                  | Quite a bit                                                                                                           | 27    | 14.1%   |
|                                 | 5                  | A great deal                                                                                                          | 6     | 3.1%    |

#### a5asnAeng\_18

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1174  |       |         |

|                                 |                    |                                                                                                                             |    |       |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Like being thorough |    |       |
|                                 | Type               | Numeric                                                                                                                     |    |       |
|                                 | Format             | F8                                                                                                                          |    |       |
|                                 | Measurement        | Scale                                                                                                                       |    |       |
| N                               | Valid              | 135                                                                                                                         |    |       |
|                                 | Missing            | 57                                                                                                                          |    |       |
| Central Tendency and Dispersion | Mean               | 3.20                                                                                                                        |    |       |
|                                 | Standard Deviation | .976                                                                                                                        |    |       |
|                                 | Percentile 25      | 3.00                                                                                                                        |    |       |
|                                 | Percentile 50      | 3.00                                                                                                                        |    |       |
|                                 | Percentile 75      | 4.00                                                                                                                        |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                                  | 6  | 3.1%  |
|                                 | 2                  | Just a little                                                                                                               | 24 | 12.5% |
|                                 | 3                  | Some                                                                                                                        | 53 | 27.6% |
|                                 | 4                  | Quite a bit                                                                                                                 | 41 | 21.4% |
|                                 | 5                  | A great deal                                                                                                                | 11 | 5.7%  |

#### a5asnAeng\_19

|                                 |                    | Value                                                                                                            | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1175                                                                                                             |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Critical |       |         |
|                                 | Type               | Numeric                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                            |       |         |
|                                 |                    |                                                                                                                  |       |         |
| N                               | Valid              | 132                                                                                                              |       |         |
|                                 | Missing            | 60                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 3.19                                                                                                             |       |         |
|                                 | Standard Deviation | 1.020                                                                                                            |       |         |
|                                 | Percentile 25      | 3.00                                                                                                             |       |         |
|                                 | Percentile 50      | 3.00                                                                                                             |       |         |
|                                 | Percentile 75      | 4.00                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                       | 8     | 4.2%    |
|                                 | 2                  | Just a little                                                                                                    | 23    | 12.0%   |
|                                 | 3                  | Some                                                                                                             | 48    | 25.0%   |
|                                 | 4                  | Quite a bit                                                                                                      | 42    | 21.9%   |
|                                 | 5                  | A great deal                                                                                                     | 11    | 5.7%    |

#### a5asnAeng\_20

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1176  |       |         |

|                                 |                    |                                                                                                                    |    |       |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | As you worked on this assignment, to what extent did you feel each of the following feelings? As I w...-Judgmental |    |       |
|                                 | Type               | Numeric                                                                                                            |    |       |
|                                 | Format             | F8                                                                                                                 |    |       |
|                                 | Measurement        | Scale                                                                                                              |    |       |
| N                               | Valid              | 132                                                                                                                |    |       |
|                                 | Missing            | 60                                                                                                                 |    |       |
| Central Tendency and Dispersion | Mean               | 2.41                                                                                                               |    |       |
|                                 | Standard Deviation | 1.091                                                                                                              |    |       |
|                                 | Percentile 25      | 1.00                                                                                                               |    |       |
|                                 | Percentile 50      | 2.00                                                                                                               |    |       |
|                                 | Percentile 75      | 3.00                                                                                                               |    |       |
| Labeled Values                  | 1                  | Not at all                                                                                                         | 34 | 17.7% |
|                                 | 2                  | Just a little                                                                                                      | 36 | 18.8% |
|                                 | 3                  | Some                                                                                                               | 38 | 19.8% |
|                                 | 4                  | Quite a bit                                                                                                        | 22 | 11.5% |
|                                 | 5                  | A great deal                                                                                                       | 2  | 1.0%  |

#### a5Taffeng\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1177               |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 9.7354             |
|                                 | Standard Deviation | 10.03212           |
|                                 | Percentile 25      | 4.9830             |
|                                 | Percentile 50      | 6.8610             |
|                                 | Percentile 75      | 11.9920            |

#### a5Taffeng\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 1178              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 135               |
|                                 | Missing            | 57                |
| Central Tendency and Dispersion | Mean               | 61.5689           |
|                                 | Standard Deviation | 26.86509          |
|                                 | Percentile 25      | 44.5510           |
|                                 | Percentile 50      | 55.3660           |
|                                 | Percentile 75      | 71.4580           |

#### a5Taffeng\_3

|                     |          |                    |
|---------------------|----------|--------------------|
|                     |          | Value              |
| Standard Attributes | Position | 1179               |
|                     | Label    | Timing-Page Submit |
|                     | Type     | Numeric            |

|                                 |                    |          |
|---------------------------------|--------------------|----------|
|                                 | Format             | F8.2     |
|                                 | Measurement        | Scale    |
| N                               | Valid              | 135      |
|                                 | Missing            | 57       |
| Central Tendency and Dispersion | Mean               | 64.2043  |
|                                 | Standard Deviation | 27.66930 |
|                                 | Percentile 25      | 46.4130  |
|                                 | Percentile 50      | 57.7240  |
|                                 | Percentile 75      | 76.9080  |

#### a5Taffeng\_4

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1180               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 23.5481            |
|                                 | Standard Deviation | 4.15685            |
|                                 | Percentile 25      | 21.0000            |
|                                 | Percentile 50      | 23.0000            |
|                                 | Percentile 75      | 24.0000            |

#### a5assign\_1

|                                 |                    |                                                                                      |       |         |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------|-------|---------|
|                                 |                    | Value                                                                                | Count | Percent |
| Standard Attributes             | Position           | 1181                                                                                 |       |         |
|                                 | Label              | Overall, to what extent did this assignment help to...<br>-Understand nanotechnology |       |         |
|                                 | Type               | Numeric                                                                              |       |         |
|                                 | Format             | F8                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                |       |         |
| N                               | Valid              | 57                                                                                   |       |         |
|                                 | Missing            | 135                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 3.26                                                                                 |       |         |
|                                 | Standard Deviation | 1.126                                                                                |       |         |
|                                 | Percentile 25      | 3.00                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                           | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                        | 9     | 4.7%    |
|                                 | 3                  | Some                                                                                 | 15    | 7.8%    |
|                                 | 4                  | Quite a bit                                                                          | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                         | 6     | 3.1%    |

#### a5assign\_2

|                     |          |       |       |         |
|---------------------|----------|-------|-------|---------|
|                     |          | Value | Count | Percent |
| Standard Attributes | Position | 1182  |       |         |

|                                 |                    |                                                                                       |    |       |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------|----|-------|
|                                 | Label              | Overall, to what extent did this assignment help to...<br>-Learn about nanotechnology |    |       |
|                                 | Type               | Numeric                                                                               |    |       |
|                                 | Format             | F8                                                                                    |    |       |
|                                 | Measurement        | Scale                                                                                 |    |       |
| N                               | Valid              | 63                                                                                    |    |       |
|                                 | Missing            | 129                                                                                   |    |       |
| Central Tendency and Dispersion | Mean               | 3.22                                                                                  |    |       |
|                                 | Standard Deviation | 1.224                                                                                 |    |       |
|                                 | Percentile 25      | 2.00                                                                                  |    |       |
|                                 | Percentile 50      | 3.00                                                                                  |    |       |
|                                 | Percentile 75      | 4.00                                                                                  |    |       |
| Labeled Values                  | 1                  | Not at all                                                                            | 7  | 3.6%  |
|                                 | 2                  | Just a little                                                                         | 11 | 5.7%  |
|                                 | 3                  | Some                                                                                  | 15 | 7.8%  |
|                                 | 4                  | Quite a bit                                                                           | 21 | 10.9% |
|                                 | 5                  | A great deal                                                                          | 9  | 4.7%  |

### a5assign\_3

|                                 |                    | Value                                                                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1183                                                                                       |       |         |
|                                 | Label              | Overall, to what extent did this assignment help to...<br>-Think critically about evidence |       |         |
|                                 | Type               | Numeric                                                                                    |       |         |
|                                 | Format             | F8                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                      |       |         |
|                                 |                    |                                                                                            |       |         |
| N                               | Valid              | 76                                                                                         |       |         |
|                                 | Missing            | 116                                                                                        |       |         |
| Central Tendency and Dispersion | Mean               | 3.30                                                                                       |       |         |
|                                 | Standard Deviation | .924                                                                                       |       |         |
|                                 | Percentile 25      | 3.00                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                 | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                                              | 7     | 3.6%    |
|                                 | 3                  | Some                                                                                       | 32    | 16.7%   |
|                                 | 4                  | Quite a bit                                                                                | 28    | 14.6%   |
|                                 | 5                  | A great deal                                                                               | 5     | 2.6%    |

### a5assign\_4

|                     |          | Value                                                                                | Count | Percent |
|---------------------|----------|--------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1184                                                                                 |       |         |
|                     | Label    | Overall, to what extent did this assignment help to...<br>-Get my thoughts organized |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Type               | Numeric       |    |       |
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 64            |    |       |
|                                 | Missing            | 128           |    |       |
| Central Tendency and Dispersion | Mean               | 3.14          |    |       |
|                                 | Standard Deviation | 1.139         |    |       |
|                                 | Percentile 25      | 2.50          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 7  | 3.6%  |
|                                 | 2                  | Just a little | 9  | 4.7%  |
|                                 | 3                  | Some          | 23 | 12.0% |
|                                 | 4                  | Quite a bit   | 18 | 9.4%  |
|                                 | 5                  | A great deal  | 7  | 3.6%  |

### a5assign\_5

|                                 |                    | Value                                                                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1185                                                                                                                 |       |         |
|                                 | Label              | Overall, to what extent did this assignment help to...<br>-Give me ideas for my answers to the overarching questions |       |         |
|                                 | Type               | Numeric                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                |       |         |
|                                 |                    |                                                                                                                      |       |         |
| N                               | Valid              | 67                                                                                                                   |       |         |
|                                 | Missing            | 125                                                                                                                  |       |         |
| Central Tendency and Dispersion | Mean               | 2.97                                                                                                                 |       |         |
|                                 | Standard Deviation | 1.044                                                                                                                |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                 |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                 |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                           | 6     | 3.1%    |
|                                 | 2                  | Just a little                                                                                                        | 15    | 7.8%    |
|                                 | 3                  | Some                                                                                                                 | 25    | 13.0%   |
|                                 | 4                  | Quite a bit                                                                                                          | 17    | 8.9%    |
|                                 | 5                  | A great deal                                                                                                         | 4     | 2.1%    |

### a5assign\_6

|                     |          | Value                                                                                     | Count | Percent |
|---------------------|----------|-------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1186                                                                                      |       |         |
|                     | Label    | Overall, to what extent did this assignment help to...<br>-Inspire me to think creatively |       |         |
|                     | Type     | Numeric                                                                                   |       |         |
|                     |          |                                                                                           |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 83            |    |       |
|                                 | Missing            | 109           |    |       |
| Central Tendency and Dispersion | Mean               | 2.93          |    |       |
|                                 | Standard Deviation | 1.187         |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 12 | 6.3%  |
|                                 | 2                  | Just a little | 16 | 8.3%  |
|                                 | 3                  | Some          | 30 | 15.6% |
|                                 | 4                  | Quite a bit   | 16 | 8.3%  |
|                                 | 5                  | A great deal  | 9  | 4.7%  |

#### a5assign\_7

|                                 |                    | Value                                                                                                          | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1187                                                                                                           |       |         |
|                                 | Label              | Overall, to what extent did this assignment help to...<br>-Motivate me to explore nanotechnology in more depth |       |         |
|                                 | Type               | Numeric                                                                                                        |       |         |
|                                 | Format             | F8                                                                                                             |       |         |
|                                 | Measurement        | Scale                                                                                                          |       |         |
|                                 |                    |                                                                                                                |       |         |
| N                               | Valid              | 76                                                                                                             |       |         |
|                                 | Missing            | 116                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 2.78                                                                                                           |       |         |
|                                 | Standard Deviation | 1.091                                                                                                          |       |         |
|                                 | Percentile 25      | 2.00                                                                                                           |       |         |
|                                 | Percentile 50      | 3.00                                                                                                           |       |         |
|                                 | Percentile 75      | 3.00                                                                                                           |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                     | 8     | 4.2%    |
|                                 | 2                  | Just a little                                                                                                  | 24    | 12.5%   |
|                                 | 3                  | Some                                                                                                           | 28    | 14.6%   |
|                                 | 4                  | Quite a bit                                                                                                    | 9     | 4.7%    |
|                                 | 5                  | A great deal                                                                                                   | 7     | 3.6%    |

#### a5assign\_8

|                     |          | Value                                                                                                               | Count | Percent |
|---------------------|----------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1188                                                                                                                |       |         |
|                     | Label    | Overall, to what extent did this assignment help to...<br>-Compare the benefits and risks related to nanotechnology |       |         |
|                     | Type     | Numeric                                                                                                             |       |         |
|                     |          |                                                                                                                     |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
|                                 | Format             | F8            |    |       |
|                                 | Measurement        | Scale         |    |       |
| N                               | Valid              | 71            |    |       |
|                                 | Missing            | 121           |    |       |
| Central Tendency and Dispersion | Mean               | 3.37          |    |       |
|                                 | Standard Deviation | 1.031         |    |       |
|                                 | Percentile 25      | 3.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 4  | 2.1%  |
|                                 | 2                  | Just a little | 8  | 4.2%  |
|                                 | 3                  | Some          | 26 | 13.5% |
|                                 | 4                  | Quite a bit   | 24 | 12.5% |
|                                 | 5                  | A great deal  | 9  | 4.7%  |

#### a5assign\_9

|                                 |                    | Value                                                                                    | Count | Percent |
|---------------------------------|--------------------|------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1189                                                                                     |       |         |
|                                 | Label              | Overall, to what extent did this assignment help to...<br>-Formulate my arguments better |       |         |
|                                 | Type               | Numeric                                                                                  |       |         |
|                                 | Format             | F8                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                    |       |         |
|                                 |                    |                                                                                          |       |         |
| N                               | Valid              | 67                                                                                       |       |         |
|                                 | Missing            | 125                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.21                                                                                     |       |         |
|                                 | Standard Deviation | 1.095                                                                                    |       |         |
|                                 | Percentile 25      | 2.00                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                               | 5     | 2.6%    |
|                                 | 2                  | Just a little                                                                            | 12    | 6.3%    |
|                                 | 3                  | Some                                                                                     | 21    | 10.9%   |
|                                 | 4                  | Quite a bit                                                                              | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                             | 7     | 3.6%    |

#### a5assign\_10

|                     |             | Value                                                                                                                  | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1190                                                                                                                   |       |         |
|                     | Label       | Overall, to what extent did this assignment help to...<br>-See the issues from a perspective I'd not thought of before |       |         |
|                     | Type        | Numeric                                                                                                                |       |         |
|                     | Format      | F8                                                                                                                     |       |         |
|                     | Measurement | Scale                                                                                                                  |       |         |
|                     |             |                                                                                                                        |       |         |

|                                 |                    |               |    |       |
|---------------------------------|--------------------|---------------|----|-------|
| N                               | Valid              | 70            |    |       |
|                                 | Missing            | 122           |    |       |
| Central Tendency and Dispersion | Mean               | 3.14          |    |       |
|                                 | Standard Deviation | 1.107         |    |       |
|                                 | Percentile 25      | 2.00          |    |       |
|                                 | Percentile 50      | 3.00          |    |       |
|                                 | Percentile 75      | 4.00          |    |       |
| Labeled Values                  | 1                  | Not at all    | 7  | 3.6%  |
|                                 | 2                  | Just a little | 11 | 5.7%  |
|                                 | 3                  | Some          | 23 | 12.0% |
|                                 | 4                  | Quite a bit   | 23 | 12.0% |
|                                 | 5                  | A great deal  | 6  | 3.1%  |

#### a5assign\_11

|                                 |                    | Value                                                                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1191                                                                                                     |       |         |
|                                 | Label              | Overall, to what extent did this assignment help to...<br>-Understand perspectives different from my own |       |         |
|                                 | Type               | Numeric                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                    |       |         |
|                                 |                    |                                                                                                          |       |         |
| N                               | Valid              | 66                                                                                                       |       |         |
|                                 | Missing            | 126                                                                                                      |       |         |
| Central Tendency and Dispersion | Mean               | 3.23                                                                                                     |       |         |
|                                 | Standard Deviation | .941                                                                                                     |       |         |
|                                 | Percentile 25      | 3.00                                                                                                     |       |         |
|                                 | Percentile 50      | 3.00                                                                                                     |       |         |
|                                 | Percentile 75      | 4.00                                                                                                     |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                               | 4     | 2.1%    |
|                                 | 2                  | Just a little                                                                                            | 8     | 4.2%    |
|                                 | 3                  | Some                                                                                                     | 26    | 13.5%   |
|                                 | 4                  | Quite a bit                                                                                              | 25    | 13.0%   |
|                                 | 5                  | A great deal                                                                                             | 3     | 1.6%    |

#### a5assign\_12

|                     |             | Value                                                                                                 | Count | Percent |
|---------------------|-------------|-------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1192                                                                                                  |       |         |
|                     | Label       | Overall, to what extent did this assignment help to...<br>-More clearly articulate my own perspective |       |         |
|                     | Type        | Numeric                                                                                               |       |         |
|                     | Format      | F8                                                                                                    |       |         |
|                     | Measurement | Scale                                                                                                 |       |         |
|                     |             |                                                                                                       |       |         |
| N                   | Valid       | 50                                                                                                    |       |         |

|                                 |                    |               |       |      |  |
|---------------------------------|--------------------|---------------|-------|------|--|
|                                 | Missing            |               | 142   |      |  |
| Central Tendency and Dispersion | Mean               |               | 3.24  |      |  |
|                                 | Standard Deviation |               | 1.041 |      |  |
|                                 | Percentile 25      |               | 2.00  |      |  |
|                                 | Percentile 50      |               | 3.00  |      |  |
|                                 | Percentile 75      |               | 4.00  |      |  |
| Labeled Values                  | 1                  | Not at all    | 2     | 1.0% |  |
|                                 | 2                  | Just a little | 11    | 5.7% |  |
|                                 | 3                  | Some          | 15    | 7.8% |  |
|                                 | 4                  | Quite a bit   | 17    | 8.9% |  |
|                                 | 5                  | A great deal  | 5     | 2.6% |  |

### a5asnBCeng\_2

|                                 |                    | Value                                                                                                                                      | Count | Percent |
|---------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1193                                                                                                                                       |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you do the following:-<br>Thought about how the topics related to other things I know |       |         |
|                                 | Type               | Numeric                                                                                                                                    |       |         |
|                                 | Format             | F8                                                                                                                                         |       |         |
|                                 | Measurement        | Scale                                                                                                                                      |       |         |
|                                 |                    |                                                                                                                                            |       |         |
| N                               | Valid              | 135                                                                                                                                        |       |         |
|                                 | Missing            | 57                                                                                                                                         |       |         |
| Central Tendency and Dispersion | Mean               | 2.99                                                                                                                                       |       |         |
|                                 | Standard Deviation | 1.136                                                                                                                                      |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                       |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                       |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                       |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                 | 14    | 7.3%    |
|                                 | 2                  | A little                                                                                                                                   | 34    | 17.7%   |
|                                 | 3                  | Somewhat                                                                                                                                   | 37    | 19.3%   |
|                                 | 4                  | Quite a bit                                                                                                                                | 39    | 20.3%   |
|                                 | 5                  | A great deal                                                                                                                               | 11    | 5.7%    |

### a5asnBCeng\_3

|                     |             | Value                                                                                                                                 | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1194                                                                                                                                  |       |         |
|                     | Label       | As you worked on this assignment, to what extent did you do the following:-<br>Checked myself to see how well I understood the issues |       |         |
|                     | Type        | Numeric                                                                                                                               |       |         |
|                     | Format      | F8                                                                                                                                    |       |         |
|                     | Measurement | Scale                                                                                                                                 |       |         |
|                     |             |                                                                                                                                       |       |         |
| N                   | Valid       | 135                                                                                                                                   |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
|                                 | Missing            | 57           |    |       |
| Central Tendency and Dispersion | Mean               | 2.97         |    |       |
|                                 | Standard Deviation | 1.072        |    |       |
|                                 | Percentile 25      | 2.00         |    |       |
|                                 | Percentile 50      | 3.00         |    |       |
|                                 | Percentile 75      | 4.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 15 | 7.8%  |
|                                 | 2                  | A little     | 26 | 13.5% |
|                                 | 3                  | Somewhat     | 50 | 26.0% |
|                                 | 4                  | Quite a bit  | 36 | 18.8% |
|                                 | 5                  | A great deal | 8  | 4.2%  |

#### a5asnBCeng\_4

|                                 |                    | Value                                                                                                                            | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1195                                                                                                                             |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you do the following:-<br>Took notes about the issues related to the topics |       |         |
|                                 | Type               | Numeric                                                                                                                          |       |         |
|                                 | Format             | F8                                                                                                                               |       |         |
|                                 | Measurement        | Scale                                                                                                                            |       |         |
|                                 |                    |                                                                                                                                  |       |         |
| N                               | Valid              | 135                                                                                                                              |       |         |
|                                 | Missing            | 57                                                                                                                               |       |         |
| Central Tendency and Dispersion | Mean               | 1.77                                                                                                                             |       |         |
|                                 | Standard Deviation | 1.113                                                                                                                            |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                             |       |         |
|                                 | Percentile 50      | 1.00                                                                                                                             |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                             |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                       | 83    | 43.2%   |
|                                 | 2                  | A little                                                                                                                         | 15    | 7.8%    |
|                                 | 3                  | Somewhat                                                                                                                         | 26    | 13.5%   |
|                                 | 4                  | Quite a bit                                                                                                                      | 7     | 3.6%    |
|                                 | 5                  | A great deal                                                                                                                     | 4     | 2.1%    |

#### a5asnBCeng\_5

|                     |             | Value                                                                                                                                 | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1196                                                                                                                                  |       |         |
|                     | Label       | As you worked on this assignment, to what extent did you do the following:-<br>Identified questions that I still had about the topics |       |         |
|                     | Type        | Numeric                                                                                                                               |       |         |
|                     | Format      | F8                                                                                                                                    |       |         |
|                     | Measurement | Scale                                                                                                                                 |       |         |
|                     |             |                                                                                                                                       |       |         |
| N                   | Valid       | 135                                                                                                                                   |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
|                                 | Missing            | 57           |    |       |
| Central Tendency and Dispersion | Mean               | 2.43         |    |       |
|                                 | Standard Deviation | 1.083        |    |       |
|                                 | Percentile 25      | 2.00         |    |       |
|                                 | Percentile 50      | 2.00         |    |       |
|                                 | Percentile 75      | 3.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 29 | 15.1% |
|                                 | 2                  | A little     | 49 | 25.5% |
|                                 | 3                  | Somewhat     | 30 | 15.6% |
|                                 | 4                  | Quite a bit  | 24 | 12.5% |
|                                 | 5                  | A great deal | 3  | 1.6%  |

**a5asnBCeng\_6**

|                                 |                    | Value                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1197                                                                                                                                  |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you do the following:-<br>Tried to find answers to my questions about the topics |       |         |
|                                 | Type               | Numeric                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                       |       |         |
| N                               | Valid              | 135                                                                                                                                   |       |         |
|                                 | Missing            | 57                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.41                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.167                                                                                                                                 |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                                  |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                                  |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                            | 38    | 19.8%   |
|                                 | 2                  | A little                                                                                                                              | 36    | 18.8%   |
|                                 | 3                  | Somewhat                                                                                                                              | 34    | 17.7%   |
|                                 | 4                  | Quite a bit                                                                                                                           | 22    | 11.5%   |
|                                 | 5                  | A great deal                                                                                                                          | 5     | 2.6%    |

**a5asnBCeng\_7**

|                     |             | Value                                                                                                                                                      | Count | Percent |
|---------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1198                                                                                                                                                       |       |         |
|                     | Label       | As you worked on this assignment, to what extent did you do the following:-<br>Explored topics related to the subject in order to satisfy my own curiosity |       |         |
|                     | Type        | Numeric                                                                                                                                                    |       |         |
|                     | Format      | F8                                                                                                                                                         |       |         |
|                     | Measurement | Scale                                                                                                                                                      |       |         |
|                     |             |                                                                                                                                                            |       |         |
| N                   | Valid       | 135                                                                                                                                                        |       |         |

|                                 |                    |              |       |       |  |
|---------------------------------|--------------------|--------------|-------|-------|--|
|                                 | Missing            |              | 57    |       |  |
| Central Tendency and Dispersion | Mean               |              | 2.16  |       |  |
|                                 | Standard Deviation |              | 1.132 |       |  |
|                                 | Percentile 25      |              | 1.00  |       |  |
|                                 | Percentile 50      |              | 2.00  |       |  |
|                                 | Percentile 75      |              | 3.00  |       |  |
| Labeled Values                  | 1                  | Not at all   | 53    | 27.6% |  |
|                                 | 2                  | A little     | 30    | 15.6% |  |
|                                 | 3                  | Somewhat     | 32    | 16.7% |  |
|                                 | 4                  | Quite a bit  | 18    | 9.4%  |  |
|                                 | 5                  | A great deal | 2     | 1.0%  |  |

### a5asnBCeng\_11

|                                 |                    | Value                                                                                                                | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1199                                                                                                                 |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you do the following:-Did some of my own research on the topics |       |         |
|                                 | Type               | Numeric                                                                                                              |       |         |
|                                 | Format             | F8                                                                                                                   |       |         |
|                                 | Measurement        | Scale                                                                                                                |       |         |
|                                 |                    |                                                                                                                      |       |         |
| N                               | Valid              | 135                                                                                                                  |       |         |
|                                 | Missing            | 57                                                                                                                   |       |         |
| Central Tendency and Dispersion | Mean               | 1.94                                                                                                                 |       |         |
|                                 | Standard Deviation | 1.091                                                                                                                |       |         |
|                                 | Percentile 25      | 1.00                                                                                                                 |       |         |
|                                 | Percentile 50      | 2.00                                                                                                                 |       |         |
|                                 | Percentile 75      | 3.00                                                                                                                 |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                           | 66    | 34.4%   |
|                                 | 2                  | A little                                                                                                             | 27    | 14.1%   |
|                                 | 3                  | Somewhat                                                                                                             | 28    | 14.6%   |
|                                 | 4                  | Quite a bit                                                                                                          | 12    | 6.3%    |
|                                 | 5                  | A great deal                                                                                                         | 2     | 1.0%    |

### a5asnBCeng\_12

|                     |             | Value                                                                                                               | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1200                                                                                                                |       |         |
|                     | Label       | As you worked on this assignment, to what extent did you do the following:-<br>Read the quotes under "see evidence" |       |         |
|                     | Type        | Numeric                                                                                                             |       |         |
|                     | Format      | F8                                                                                                                  |       |         |
|                     | Measurement | Scale                                                                                                               |       |         |
|                     |             |                                                                                                                     |       |         |
| N                   | Valid       | 135                                                                                                                 |       |         |
|                     | Missing     | 57                                                                                                                  |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| Central Tendency and Dispersion | Mean               | 2.58         |    |       |
|                                 | Standard Deviation | 1.324        |    |       |
|                                 | Percentile 25      | 1.00         |    |       |
|                                 | Percentile 50      | 2.00         |    |       |
|                                 | Percentile 75      | 4.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 37 | 19.3% |
|                                 | 2                  | A little     | 33 | 17.2% |
|                                 | 3                  | Somewhat     | 29 | 15.1% |
|                                 | 4                  | Quite a bit  | 22 | 11.5% |
|                                 | 5                  | A great deal | 14 | 7.3%  |

#### a5asnBCeng\_13

|                                 |                    | Value                                                                                                                                                         | Count | Percent |
|---------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1201                                                                                                                                                          |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you do the following:-<br>Tried to think creatively about the impacts of this new technology on society. |       |         |
|                                 | Type               | Numeric                                                                                                                                                       |       |         |
|                                 | Format             | F8                                                                                                                                                            |       |         |
|                                 | Measurement        | Scale                                                                                                                                                         |       |         |
|                                 |                    |                                                                                                                                                               |       |         |
| N                               | Valid              | 135                                                                                                                                                           |       |         |
|                                 | Missing            | 57                                                                                                                                                            |       |         |
| Central Tendency and Dispersion | Mean               | 3.18                                                                                                                                                          |       |         |
|                                 | Standard Deviation | 1.078                                                                                                                                                         |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                          |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                          |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                          |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                    | 10    | 5.2%    |
|                                 | 2                  | A little                                                                                                                                                      | 24    | 12.5%   |
|                                 | 3                  | Somewhat                                                                                                                                                      | 47    | 24.5%   |
|                                 | 4                  | Quite a bit                                                                                                                                                   | 40    | 20.8%   |
|                                 | 5                  | A great deal                                                                                                                                                  | 14    | 7.3%    |

#### a5asnBCeng\_14

|                     |             | Value                                                                                                                                                                     | Count | Percent |
|---------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position    | 1202                                                                                                                                                                      |       |         |
|                     | Label       | As you worked on this assignment, to what extent did you do the following:-<br>Tried to identify what others thought about the impacts of this new technology on society. |       |         |
|                     | Type        | Numeric                                                                                                                                                                   |       |         |
|                     | Format      | F8                                                                                                                                                                        |       |         |
|                     | Measurement | Scale                                                                                                                                                                     |       |         |
|                     |             |                                                                                                                                                                           |       |         |

|                                 |                    |              |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| N                               | Valid              | 135          |    |       |
|                                 | Missing            | 57           |    |       |
| Central Tendency and Dispersion | Mean               | 2.93         |    |       |
|                                 | Standard Deviation | 1.114        |    |       |
|                                 | Percentile 25      | 2.00         |    |       |
|                                 | Percentile 50      | 3.00         |    |       |
|                                 | Percentile 75      | 4.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 16 | 8.3%  |
|                                 | 2                  | A little     | 30 | 15.6% |
|                                 | 3                  | Somewhat     | 46 | 24.0% |
|                                 | 4                  | Quite a bit  | 33 | 17.2% |
|                                 | 5                  | A great deal | 10 | 5.2%  |

**a5asnBCeng\_17**

|                                 |                    | Value                                                                                                                                                                 | Count | Percent |
|---------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1203                                                                                                                                                                  |       |         |
|                                 | Label              | As you worked on this assignment, to what extent did you do the following:- Carefully evaluated the accuracy of the evidence that was available for different claims. |       |         |
|                                 | Type               | Numeric                                                                                                                                                               |       |         |
|                                 | Format             | F8                                                                                                                                                                    |       |         |
|                                 | Measurement        | Scale                                                                                                                                                                 |       |         |
|                                 |                    |                                                                                                                                                                       |       |         |
| N                               | Valid              | 135                                                                                                                                                                   |       |         |
|                                 | Missing            | 57                                                                                                                                                                    |       |         |
| Central Tendency and Dispersion | Mean               | 2.84                                                                                                                                                                  |       |         |
|                                 | Standard Deviation | 1.121                                                                                                                                                                 |       |         |
|                                 | Percentile 25      | 2.00                                                                                                                                                                  |       |         |
|                                 | Percentile 50      | 3.00                                                                                                                                                                  |       |         |
|                                 | Percentile 75      | 4.00                                                                                                                                                                  |       |         |
| Labeled Values                  | 1                  | Not at all                                                                                                                                                            | 18    | 9.4%    |
|                                 | 2                  | A little                                                                                                                                                              | 34    | 17.7%   |
|                                 | 3                  | Somewhat                                                                                                                                                              | 44    | 22.9%   |
|                                 | 4                  | Quite a bit                                                                                                                                                           | 30    | 15.6%   |
|                                 | 5                  | A great deal                                                                                                                                                          | 9     | 4.7%    |

**a5asnBCeng\_16**

|                     |          | Value                                                                                                                                            | Count | Percent |
|---------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes | Position | 1204                                                                                                                                             |       |         |
|                     | Label    | As you worked on this assignment, to what extent did you do the following:- Visited the actual sources of the quotes listed under "see evidence" |       |         |
|                     | Type     | Numeric                                                                                                                                          |       |         |
|                     | Format   | F8                                                                                                                                               |       |         |
|                     |          |                                                                                                                                                  |       |         |

|                                 | Measurement        | Scale        |    |       |
|---------------------------------|--------------------|--------------|----|-------|
| N                               | Valid              | 135          |    |       |
|                                 | Missing            | 57           |    |       |
| Central Tendency and Dispersion | Mean               | 1.99         |    |       |
|                                 | Standard Deviation | 1.113        |    |       |
|                                 | Percentile 25      | 1.00         |    |       |
|                                 | Percentile 50      | 2.00         |    |       |
|                                 | Percentile 75      | 3.00         |    |       |
| Labeled Values                  | 1                  | Not at all   | 65 | 33.9% |
|                                 | 2                  | A little     | 23 | 12.0% |
|                                 | 3                  | Somewhat     | 34 | 17.7% |
|                                 | 4                  | Quite a bit  | 10 | 5.2%  |
|                                 | 5                  | A great deal | 3  | 1.6%  |

### a5dataqual

|                                 |                    | Value                                                                                                    | Count | Percent |
|---------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|-------|---------|
| Standard Attributes             | Position           | 1205                                                                                                     |       |         |
|                                 | Label              | Did you give your honest answers in this assignment? (You will not be penalized for your answer. Dr....  |       |         |
|                                 | Type               | Numeric                                                                                                  |       |         |
|                                 | Format             | F8                                                                                                       |       |         |
|                                 | Measurement        | Scale                                                                                                    |       |         |
|                                 |                    |                                                                                                          |       |         |
| N                               | Valid              | 135                                                                                                      |       |         |
|                                 | Missing            | 57                                                                                                       |       |         |
| Central Tendency and Dispersion | Mean               | 1.17                                                                                                     |       |         |
|                                 | Standard Deviation | .593                                                                                                     |       |         |
|                                 | Percentile 25      | 1.00                                                                                                     |       |         |
|                                 | Percentile 50      | 1.00                                                                                                     |       |         |
|                                 | Percentile 75      | 1.00                                                                                                     |       |         |
| Labeled Values                  | 1                  | Yes, my answers reflect my honest answers to the questions in the assignment                             | 122   | 63.5%   |
|                                 | 2                  | No, I answered the questions randomly                                                                    | 7     | 3.6%    |
|                                 | 3                  | No, I felt like I should answer in a certain way, so I gave those answers instead of my honest responses | 2     | 1.0%    |
|                                 | 4                  | Other (Please explain)                                                                                   | 4     | 2.1%    |

### a5dataqual\_TEXT

|                     |          | Value | Count | Percent |
|---------------------|----------|-------|-------|---------|
| Standard Attributes | Position | 1206  |       |         |

|                                                                                          |             |                                                                                                                  |     |       |
|------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------|-----|-------|
|                                                                                          | Label       | Did you give your honest answers in this assignment?<br>(You will not be penalized for your answer. Dr.....-TEXT |     |       |
|                                                                                          | Type        | String                                                                                                           |     |       |
|                                                                                          | Format      | A18000                                                                                                           |     |       |
|                                                                                          | Measurement | Nominal                                                                                                          |     |       |
| Valid Values                                                                             |             |                                                                                                                  | 188 | 97.9% |
| all but some of them i couldnt give my full opinion on...                                |             |                                                                                                                  | 1   | 0.5%  |
| All except the questions about how I felt about the survey.                              |             |                                                                                                                  | 1   | 0.5%  |
| I felt like i did a little bit of both just answering them, and honestly answering them. |             |                                                                                                                  | 1   | 0.5%  |
| I tried harder on the questions in the beginning. Overall I gave a pretty good effort.   |             |                                                                                                                  | 1   | 0.5%  |

### a5Tlastpg\_1

|                                 |                    |                    |
|---------------------------------|--------------------|--------------------|
|                                 |                    | Value              |
| Standard Attributes             | Position           | 1207               |
|                                 | Label              | Timing-First Click |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 8.5957             |
|                                 | Standard Deviation | 25.59183           |
|                                 | Percentile 25      | 3.3960             |
|                                 | Percentile 50      | 4.5710             |
|                                 | Percentile 75      | 6.4680             |

### a5Tlastpg\_2

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
|                                 |                    | Value             |
| Standard Attributes             | Position           | 1208              |
|                                 | Label              | Timing-Last Click |
|                                 | Type               | Numeric           |
|                                 | Format             | F8.2              |
|                                 | Measurement        | Scale             |
| N                               | Valid              | 135               |
|                                 | Missing            | 57                |
| Central Tendency and Dispersion | Mean               | 11.6078           |
|                                 | Standard Deviation | 31.06634          |
|                                 | Percentile 25      | 3.8640            |
|                                 | Percentile 50      | 5.7450            |
|                                 | Percentile 75      | 7.6060            |

### a5Tlastpg\_3

|                                 |             |                    |
|---------------------------------|-------------|--------------------|
|                                 |             | Value              |
| Standard Attributes             | Position    | 1209               |
|                                 | Label       | Timing-Page Submit |
|                                 | Type        | Numeric            |
|                                 | Format      | F8.2               |
|                                 | Measurement | Scale              |
| N                               | Valid       | 135                |
|                                 | Missing     | 57                 |
| Central Tendency and Dispersion | Mean        | 19.8245            |

|  |                    |          |
|--|--------------------|----------|
|  | Standard Deviation | 39.81694 |
|  | Percentile 25      | 7.2520   |
|  | Percentile 50      | 9.4920   |
|  | Percentile 75      | 16.8640  |
|  |                    |          |
|  |                    |          |

**a5Tlastpg\_4**

| Value                           |                    |                    |
|---------------------------------|--------------------|--------------------|
| Standard Attributes             | Position           | 1210               |
|                                 | Label              | Timing-Click Count |
|                                 | Type               | Numeric            |
|                                 | Format             | F8.2               |
|                                 | Measurement        | Scale              |
| N                               | Valid              | 135                |
|                                 | Missing            | 57                 |
| Central Tendency and Dispersion | Mean               | 2.1333             |
|                                 | Standard Deviation | 3.94136            |
|                                 | Percentile 25      | 1.0000             |
|                                 | Percentile 50      | 1.0000             |
|                                 | Percentile 75      | 2.0000             |