

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. Open-ended data is not included by default but specific open-ended variables are 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, please contact Lisa M. PytlikZillig at lpytlikz@nebraska.edu.

Study 4 Variable Codebook

id

		Value
Standard Attributes	Position	1
	Label	participant number
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	205
	Missing	0
Central Tendency and Dispersion	Mean	103.0000
	Standard Deviation	59.32256

a1_Q1

		Value
Standard Attributes	Position	2
	Label	Important Assignment Information (Please Read) As explained in recitation, your course i...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_t1_1

		Value
Standard Attributes	Position	3
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	21.0492
	Standard Deviation	140.38080

a1_t1_2

		Value
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Standard Attributes	Position	4
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	27.9752
	Standard Deviation	160.43039

a1_t1_3

Value		
Standard Attributes	Position	5
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	96.7080
	Standard Deviation	484.32971

a1_t1_4

Value		
Standard Attributes	Position	6
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	.6700
	Standard Deviation	1.95859

a1_Q2

Value		
Standard Attributes	Position	7
	Label	INFORMED CONSENT FORM
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_CONSENT

		Value	Count	Percent
Standard Attributes	Position	8		
	Label	A1: Consent given?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	205		

	Missing	0		
Central Tendency and Dispersion	Mean	.05		
	Standard Deviation	9.857		
Labeled Values	1	Yes	197	96.1%
	2	No	6	2.9%

a1_t2_1

		Value
Standard Attributes	Position	9
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	121.2600
	Standard Deviation	1073.18889

a1_t2_2

		Value
Standard Attributes	Position	10
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	1451.2572
	Standard Deviation	18846.94740

a1_t2_3

		Value
Standard Attributes	Position	11
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	1453.3474
	Standard Deviation	18846.88462

a1_t2_4

		Value
Standard Attributes	Position	12
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	1.4406
	Standard Deviation	2.46950

a1_Q5

		Value
Standard Attributes	Position	13
	Label	Are changes needed in biology education? To ensure that biology majors are equipped to...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_t4_1

		Value
Standard Attributes	Position	14
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	129.6515
	Standard Deviation	1179.26841

a1_t4_2

		Value
Standard Attributes	Position	15
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	628.7680
	Standard Deviation	4172.33172

a1_t4_3

		Value
Standard Attributes	Position	16
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	714.6057
	Standard Deviation	4164.94744

a1_t4_4

		Value
Standard Attributes	Position	17
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2

Central Tendency and Dispersion	Mean	3.7635
	Standard Deviation	5.23254

a1_Q6

		Value
Standard Attributes	Position	18
	Label	The goals of the New Biology assignments used in this course are to provide you with the opportunity...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_t5_1

		Value
Standard Attributes	Position	19
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	4.4185
	Standard Deviation	20.56736

a1_t5_2

		Value
Standard Attributes	Position	20
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	5.5243
	Standard Deviation	22.08337

a1_t5_3

		Value
Standard Attributes	Position	21
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	73.5431
	Standard Deviation	514.66345

a1_t5_4

		Value
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Standard Attributes	Position	22
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	.6733
	Standard Deviation	2.89659

a1_Q7

		Value
Standard Attributes	Position	23
	Label	Demographics
		Note: Your answers to these questions will *not* be shared with anyone. They wil...
	Type	Numeric
	Format	F8
N	Measurement	Scale
	Valid	203
Central Tendency and Dispersion	Missing	2
	Mean	1.00
	Standard Deviation	.000

age_cat

		Value	Count	Percent
Standard Attributes	Position	24		
	Label	A1: Age-What is your age?		
	Type	Numeric		
	Format	F2		
	Measurement	Nominal		
Valid Values	18	18 years or younger	52	25.4%
	20	19 or 20 years	128	62.4%
	21	21 years or older	23	11.2%
Missing Values	System		2	1.0%

male

		Value	Count	Percent
Standard Attributes	Position	25		
	Label	A1: Gender		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	.43		
	Standard Deviation	.496		
Labeled Values	0	Female	116	56.6%
	1	Male	87	42.4%

year_cat

		Value	Count	Percent
Standard Attributes	Position	26		
	Label	A1: Year in school		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.54		
	Standard Deviation	.719		
Labeled Values	1	freshman	121	59.0%
	2	sophomore	55	26.8%
	3	upper class jr sr grad	27	13.2%
		other		

major_cat

		Value	Count	Percent
Standard Attributes	Position	27		
	Label	A1: Major- 		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.74		
	Standard Deviation	2.731		
Labeled Values	1	biological science, bioscience engineering, biochem/chem, pre-vet/pre-med	144	70.2%
	7	other	59	28.8%

major_nonbio

		Value	Count	Percent
Standard Attributes	Position	28		
	Label	A1: major coded as not a bio major by researchers		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00		144	70.2%
	1.00		59	28.8%
Missing Values	System		2	1.0%

grades

		Value	Count	Percent
Standard Attributes	Position	29		
	Label	A1: Average grade of student		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.52		
	Standard Deviation	.539		
Labeled Values	1	an "A" student	101	49.3%
	2	a "B" student	98	47.8%
	3	a "C" student	4	2.0%
	4	a "D" student	0	0.0%

a1_ethcla

		Value	Count	Percent
Standard Attributes	Position	30		
	Label	A1: Amount of previous academic work about ethics		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.49		
	Standard Deviation	.864		
Labeled Values	1	None	17	8.3%
	2	A little	99	48.3%
	3	Some	60	29.3%
	4	A moderate amount	24	11.7%
	5	A great deal	3	1.5%

a1_ethcla2

		Value	Count	Percent
Standard Attributes	Position	31		
	Label	A1: How many previous courses with ethics		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.77		

	Standard Deviation	1.346		
Labeled Values	0	0	28	13.7%
	1	1	70	34.1%
	2	2	62	30.2%
	3	3	23	11.2%
	4	4	10	4.9%
	5	5	4	2.0%
	6	more than 5	6	2.9%

a1_momedu

		Value	Count	Percent
Standard Attributes	Position	32		
	Label	A1: Mother's highest level of education		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.50		
	Standard Deviation	1.845		
Labeled Values	1	Did not complete high school	6	2.9%
	2	Completed high school	30	14.6%
	3	Completed some post-secondary education, but no degree	25	12.2%
	4	Received a 2-year degree, e.g., associate's degree	38	18.5%
	5	Received a 4-year college degree, e.g., B.A., B.S., etc.	56	27.3%
	6	Completed some post-graduate courses, but no additional degree	7	3.4%
	7	Received a 2-year post-graduate degree (e.g., M.A., M.S., etc)	27	13.2%
	8	Received a 4-year post-graduate degree (e.g., Phd, D.Ed, etc)	13	6.3%
	9	I don't know	1	0.5%

a1_dadedu

		Value	Count	Percent
Standard Attributes	Position	33		
	Label	A1: Father's highest level of education		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	199		
	Missing	6		
Central Tendency and Dispersion	Mean	4.74		
	Standard Deviation	2.068		

Labeled Values	1	Did not complete high school	3	1.5%
	2	Completed high school	32	15.6%
	3	Completed some post-secondary education, but no degree	31	15.1%
	4	Received a 2-year degree, e.g., associate's degree	25	12.2%
	5	Received a 4-year college degree, e.g., B.A., B.S., etc.	49	23.9%
	6	Completed some post-graduate courses, but no additional degree	7	3.4%
	7	Received a 2-year post-graduate degree (e.g., M.A., M.S., etc)	20	9.8%
	8	Received a 4-year post-graduate degree (e.g., Phd, D.Ed, etc)	32	15.6%
	9	I don't know	4	2.0%

a1_t6_1

		Value
Standard Attributes	Position	34
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	6.9495
	Standard Deviation	34.46405

a1_t6_2

		Value
Standard Attributes	Position	35
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	181.3806
	Standard Deviation	1583.91969

a1_t6_3

		Value
Standard Attributes	Position	36
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	179.6143
	Standard Deviation	1584.61656

a1_t6_4

	Value
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Standard Attributes	Position	37
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	13.1576
	Standard Deviation	4.17498

a1_Q8

		Value
Standard Attributes	Position	38
	Label	Where do you start?
		The spirit of this assignment is to simply get you to reflect on your cur...
	Type	Numeric
	Format	F8
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_t7_1

		Value
Standard Attributes	Position	39
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	3808.0334
	Standard Deviation	36378.65296

a1_t7_2

		Value
Standard Attributes	Position	40
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	6044.3964
	Standard Deviation	37336.27121

a1_t7_3

		Value
Standard Attributes	Position	41
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2

Central Tendency and Dispersion	Mean	4577.7004
	Standard Deviation	32035.39456

a1_t7_4

Value		
Standard Attributes	Position	42
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	12.7980
	Standard Deviation	25.93563

a1_Q9

Value		
Standard Attributes	Position	43
	Label	What do you know? Next, you will reflect on how your "starting point" is impacted by what you curr...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_famnano

Value			Count	Percent
Standard Attributes	Position	44		
	Label	A1: Amount of nanotech familiarity		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.72		
	Standard Deviation	.792		
Labeled Values	1	Not at all familiar	96	46.8%
	2	Slightly familiar	70	34.1%
	3	Somewhat familiar	34	16.6%
	4	Very familiar	3	1.5%
	5	Extremely familiar	0	0.0%

a1_fammed

Value			Count	Percent
Standard Attributes	Position	45		
	Label	A1: Amount of nanotech-medical familiarity		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.67		
	Standard Deviation	.786		
Labeled Values	1	Not at all familiar	102	49.8%
	2	Slightly familiar	70	34.1%
	3	Somewhat familiar	28	13.7%
	4	Very familiar	2	1.0%
	5	Extremely familiar	1	0.5%

a1_famgen

		Value	Count	Percent
Standard Attributes	Position	46		
	Label	A1: Amount of nanotech-genetic familiarity		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.46		
	Standard Deviation	.684		
Labeled Values	1	Not at all familiar	128	62.4%
	2	Slightly familiar	59	28.8%
	3	Somewhat familiar	13	6.3%
	4	Very familiar	3	1.5%
	5	Extremely familiar	0	0.0%

a1_t8_1

		Value
Standard Attributes	Position	47
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	28.5914
	Standard Deviation	173.97875

a1_t8_2

		Value
Standard Attributes	Position	48
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2

Central Tendency and Dispersion	Mean	38.6881
	Standard Deviation	175.59753

a1_t8_3

Standard Attributes	Value	
	Position	49
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	40.0797
	Standard Deviation	175.71354

a1_t8_4

Standard Attributes	Value	
	Position	50
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	3.9310
	Standard Deviation	2.25923

a1_Q10

Standard Attributes	Value	
	Position	51
	Label	What do you know? The "New Biology" issues that you think about later in the semester will involve...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_know2

Standard Attributes	Value		Count	Percent
	Position	52		
	Label	A1: What is genetic engineering		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.55		
	Standard Deviation	1.010		

Labeled Values	1	The changing of the structure of genetic material	145	70.7%
	2	The engineering of new organisms and life forms	28	13.7%
	3	The engineering of electronic devices using genetic materials	6	2.9%
	4	The method by which taxonomists edit transgenic traits	24	11.7%

a1_know2c

		Value	Count	Percent
Standard Attributes	Position	53		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.83		
	Standard Deviation	1.006		
Labeled Values	1	Not at all	20	9.8%
	2	A little bit	53	25.9%
	3	Moderately	80	39.0%
	4	Mostly	41	20.0%
	5	Completely	9	4.4%

a1_know4

		Value	Count	Percent
Standard Attributes	Position	54		
	Label	A1: Which of these is between 1 and 100 nm		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.68		
	Standard Deviation	1.519		
Labeled Values	1	DNA	77	37.6%
	2	The head of a pin	16	7.8%
	3	A human hair	32	15.6%
	4	DNA base-pairs	50	24.4%
	5	A hydrogen atom	28	13.7%

a1_know4c

	Value	Count	Percent
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Standard Attributes	Position	55		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.89		
	Standard Deviation	.843		
Labeled Values	1	Not at all	77	37.6%
	2	A little bit	77	37.6%
	3	Moderately	44	21.5%
	4	Mostly	4	2.0%
	5	Completely	1	0.5%

a1_know1

		Value	Count	Percent
Standard Attributes	Position	56		
	Label	A1: How many nanometers are in one meter?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.53		
	Standard Deviation	1.127		
Labeled Values	1	1,000,000,000,000 (One trillion)	14	6.8%
	2	1,000,000,000 (One billion)	128	62.4%
	3	1,000,000 (One million)	30	14.6%
	4	.000001 (One millionth)	2	1.0%
	5	10-9 (One billionth)	29	14.1%

a1_know1c

		Value	Count	Percent
Standard Attributes	Position	57		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		

Central Tendency and Dispersion	Mean	3.28		
	Standard Deviation	1.402		
Labeled Values	1	Not at all	27	13.2%
	2	A little bit	41	20.0%
	3	Moderately	37	18.0%
	4	Mostly	42	20.5%
	5	Completely	55	26.8%

a1_know6

		Value	Count	Percent
Standard Attributes	Position	58		
	Label	What are "second order effects" of technology?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.09		
	Standard Deviation	1.294		
Labeled Values	1	Social impacts, or changes in society that result indirectly from the new technology	44	21.5%
	2	Impacts of new technology on the offspring of the individual who was exposed to the technology	26	12.7%
	3	The increase in choices that are available as a result new technologies	4	2.0%
	4	All of the above	126	61.5%
	5	None of the above	3	1.5%

a1_know6c

		Value	Count	Percent
Standard Attributes	Position	59		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.21		
	Standard Deviation	1.071		
Labeled Values	1	Not at all	62	30.2%
	2	A little bit	67	32.7%
	3	Moderately	49	23.9%
	4	Mostly	19	9.3%

5	Completely	6	2.9%
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a1_t9_1

Value		
Standard Attributes	Position	60
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	19.8144
	Standard Deviation	19.73671

a1_t9_2

Value		
Standard Attributes	Position	61
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	117.8009
	Standard Deviation	99.45423

a1_t9_3

Value		
Standard Attributes	Position	62
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	114.0818
	Standard Deviation	100.69946

a1_t9_4

Value		
Standard Attributes	Position	63
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	11.5567
	Standard Deviation	4.04804

a1_ktfConf_1_1

		Value	Count	Percent
Standard Attributes	Position	64		

	Label	T/F : This statement is:-Materials that are harmless at the macro-level could be harmful at the nano-level.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.21		
	Standard Deviation	.410		
Labeled Values	1	True	160	78.0%
	2	False	43	21.0%

a1_ktfConf_1_2

		Value	Count	Percent
Standard Attributes	Position	65		
	Label	T/F : This statement is:-Researchers have used nanomedicine technologies to create biological weapons that have already fallen into the wrong hands and are currently being used by organized crime groups.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.51		
	Standard Deviation	.501		
Labeled Values	1	True	100	48.8%
	2	False	103	50.2%

a1_ktfConf_1_3

		Value	Count	Percent
Standard Attributes	Position	66		
	Label	T/F : This statement is:-All nanoscale materials can conduct electricity because of their extremely small size.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
	Valid	203		
	Missing	2		

Central Tendency and Dispersion	Mean	1.71		
	Standard Deviation	.453		
Labeled Values	1	True	58	28.3%
	2	False	145	70.7%

a1_ktfConf_1_4

		Value	Count	Percent
Standard Attributes	Position	67		
	Label	T/F : This statement is:-Nanoparticles exist naturally in the environment.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.15		
	Standard Deviation	.361		
Labeled Values	1	True	172	83.9%
	2	False	31	15.1%

a1_ktfConf_1_5

		Value	Count	Percent
Standard Attributes	Position	68		
	Label	T/F : This statement is:-A limitation of nanoparticles is they cannot penetrate into the brain.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.83		
	Standard Deviation	.374		
Labeled Values	1	True	34	16.6%
	2	False	169	82.4%

a1_ktfConf_2_1

		Value	Count	Percent
Standard Attributes	Position	69		
	Label	T/F : I am _____ confident in my answer:-Materials that are harmless at the macro-level could be harmful at the nano-level.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.49		
	Standard Deviation	1.132		
Labeled Values	1	Not at all	43	21.0%
	2	A little bit	67	32.7%
	3	Moderately	56	27.3%
	4	Mostly	25	12.2%
	5	Completely	12	5.9%

a1_ktfConf_2_2

		Value	Count	Percent
Standard Attributes	Position	70		
	Label	T/F : I am _____ confident in my answer:-Researchers have used nanomedicine technologies to create biological weapons that have already fallen into the wrong hands and are currently being used by organized crime groups.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.28		
	Standard Deviation	1.127		
Labeled Values	1	Not at all	65	31.7%
	2	A little bit	55	26.8%
	3	Moderately	50	24.4%
	4	Mostly	28	13.7%
	5	Completely	5	2.4%

a1_ktfConf_2_3

		Value	Count	Percent
Standard Attributes	Position	71		
	Label	T/F : I am _____ confident in my answer:-All nanoscale materials can conduct electricity because of their extremely small size.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		

	Missing	2		
Central Tendency and Dispersion	Mean	2.02		
	Standard Deviation	.992		
Labeled Values	1	Not at all	74	36.1%
	2	A little bit	68	33.2%
	3	Moderately	48	23.4%
	4	Mostly	8	3.9%
	5	Completely	5	2.4%

a1_ktfConf_2_4

		Value	Count	Percent
Standard Attributes	Position	72		
	Label	T/F : I am _____ confident in my answer:-Nanoparticles exist naturally in the environment.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.60		
	Standard Deviation	1.175		
Labeled Values	1	Not at all	43	21.0%
	2	A little bit	54	26.3%
	3	Moderately	60	29.3%
	4	Mostly	33	16.1%
	5	Completely	13	6.3%

a1_ktfConf_2_5

		Value	Count	Percent
Standard Attributes	Position	73		
	Label	T/F : I am _____ confident in my answer:-A limitation of nanoparticles is they cannot penetrate into the brain.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.22		
	Standard Deviation	1.137		
Labeled Values	1	Not at all	68	33.2%
	2	A little bit	60	29.3%
	3	Moderately	44	21.5%
	4	Mostly	24	11.7%
	5	Completely	7	3.4%

a1_t10_1

		Value
Standard Attributes	Position	74
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	36.3266
	Standard Deviation	264.08382

a1_t10_2

		Value
Standard Attributes	Position	75
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	84.7329
	Standard Deviation	272.58134

a1_t10_3

		Value
Standard Attributes	Position	76
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	81.9654
	Standard Deviation	272.66752

a1_t10_4

		Value
Standard Attributes	Position	77
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	11.3251
	Standard Deviation	3.98422

a1_Q11

		Value
Standard Attributes	Position	78
	Label	What do you know?
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_Q12

		Value
Standard Attributes	Position	79
	Label	When you were asked what comes to mind when you think about the development and regulation of nano-b...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_chng

		Value	Count	Percent
Standard Attributes	Position	80		
	Label	A1: Likelihood of attitudes changing		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	4.32		
	Standard Deviation	1.400		
Labeled Values	1	Very Unlikely	5	2.4%
	2	Unlikely	19	9.3%
	3	Somewhat Unlikely	21	10.2%
	4	Undecided/ Cannot Judge	74	36.1%
	5	Somewhat Likely	44	21.5%
	6	Likely	26	12.7%
	7	Very Likely	14	6.8%

a1_t11_1

		Value
Standard Attributes	Position	81
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	105.6666
	Standard Deviation	825.56064

a1_t11_2

		Value
Standard Attributes	Position	82
	Label	Timing-Last Click
	Type	Numeric

	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	165.0192
	Standard Deviation	888.13451

a1_t11_3

		Value
Standard Attributes	Position	83
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	172.7425
	Standard Deviation	792.45382

a1_t11_4

		Value
Standard Attributes	Position	84
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	4.5172
	Standard Deviation	6.82188

a1_Q13

		Value
Standard Attributes	Position	85
	Label	What do you think?
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_Q14

		Value
Standard Attributes	Position	86
	Label	Now that you have thought about what comes to mind when you think of nanotechnology development and...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_riskben

		Value	Count	Percent
Standard Attributes	Position	87		
	Label	A1:do the risks outweigh benefits (low) or benefits outweigh risks (high)		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	4.81		
	Standard Deviation	1.289		
Labeled Values	1	The risks greatly outweigh the benefits	4	2.0%
	2	The risks somewhat outweigh the benefits	4	2.0%
	3	The risks slightly outweigh the benefits	19	9.3%
	4	The risks and benefits are equal	57	27.8%
	5	The benefits slightly outweigh the risks	48	23.4%
	6	The benefits somewhat outweigh the risks	58	28.3%
	7	The benefits greatly outweigh the risks	13	6.3%

a1_regslid

		Value
Standard Attributes	Position	88
	Label	A1: amount of regulation low (none) to high (every aspect)
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	64.4631
	Standard Deviation	21.91596

a1_genrate_1

		Value	Count	Percent
Standard Attributes	Position	89		
	Label	A1: Importance: General goals- Minimizing potential risks for humans.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		

Central Tendency and Dispersion	Mean	4.48		
	Standard Deviation	.810		
Labeled Values	1	Unimportant	0	0.0%
	2	Slightly important	6	2.9%
	3	Important	23	11.2%
	4	Very important	42	20.5%
	5	Extremely important	132	64.4%

a1_genrate_2

		Value	Count	Percent
Standard Attributes	Position	90		
	Label	A1: Importance: General goals- Minimizing potential environmental risks.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	4.26		
	Standard Deviation	.865		
Labeled Values	1	Unimportant	1	0.5%
	2	Slightly important	4	2.0%
	3	Important	38	18.5%
	4	Very important	58	28.3%
	5	Extremely important	102	49.8%

a1_genrate_3

		Value	Count	Percent
Standard Attributes	Position	91		
	Label	A1: Importance: General goals-Making decisions about the most important directions for future development.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.79		
	Standard Deviation	.938		
Labeled Values	1	Unimportant	2	1.0%
	2	Slightly important	14	6.8%
	3	Important	61	29.8%
	4	Very important	74	36.1%
	5	Extremely important	52	25.4%

a1_genrate_4

	Value	Count	Percent
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Standard Attributes	Position	92		
	Label	A1: Importance: General goals- Studying the social and ethical impacts and implications of future developments and regulations.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.83		
	Standard Deviation	.960		
Labeled Values	1	Unimportant	2	1.0%
	2	Slightly important	15	7.3%
	3	Important	56	27.3%
	4	Very important	72	35.1%
	5	Extremely important	58	28.3%

a1_genrate_5

		Value	Count	Percent
Standard Attributes	Position	93		
	Label	A1: Importance: General goals- Maximizing potential benefits for human enhancement.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.51		
	Standard Deviation	1.110		
Labeled Values	1	Unimportant	8	3.9%
	2	Slightly important	29	14.1%
	3	Important	63	30.7%
	4	Very important	57	27.8%
	5	Extremely important	46	22.4%

a1_genrate_6

		Value	Count	Percent
Standard Attributes	Position	94		
	Label	A1: Importance: General goals- Maximizing potential environmental benefits.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		

	Missing	2		
Central Tendency and Dispersion	Mean	3.96		
	Standard Deviation	.908		
Labeled Values	1	Unimportant	1	0.5%
	2	Slightly important	11	5.4%
	3	Important	49	23.9%
	4	Very important	77	37.6%
	5	Extremely important	65	31.7%

a1_gensum_x1

		Value
Standard Attributes	Position	95
	Label	A1: Importance: Percentages- Minimizing potential risks for humans.
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	27.2453
	Standard Deviation	13.00505

a1_gensum_x2

		Value
Standard Attributes	Position	96
	Label	A1: Importance: Percentages- Minimizing potential environmental risks.
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	18.4448
	Standard Deviation	7.73517

a1_gensum_x3

		Value
Standard Attributes	Position	97
	Label	A1: Importance: Percentages-Making decisions about the most important directions for future development.
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	12.3069
	Standard Deviation	7.02593

a1_gensum_x4

		Value
Standard Attributes	Position	98

	Label	A1: Importance: Percentages-Studying the social and ethical impacts and implications of future developments and regulations.
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	13.5148
	Standard Deviation	7.19545

a1_gensum_x5

		Value
Standard Attributes	Position	99
	Label	A1: Importance: Percentages-Maximizing potential benefits for human enhancement.
	Type	Numeric
	Format	F8.2
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	14.6542
	Standard Deviation	9.23984

a1_gensum_x6

		Value
Standard Attributes	Position	100
	Label	A1: Importance: Percentages-Maximizing potential environmental benefits.
	Type	Numeric
	Format	F8.2
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	13.8340
	Standard Deviation	7.78476

a1_t12_1

		Value
Standard Attributes	Position	101
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	77.6247
	Standard Deviation	347.29845

a1_t12_2

		Value
Standard Attributes	Position	102

	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	355.2188
	Standard Deviation	1226.99571

a1_t12_3

	Value	
	Position	103
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	320.6442
	Standard Deviation	1206.49355

a1_t12_4

	Value	
	Position	104
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	24.0985
	Standard Deviation	11.85766

a1_Q15

	Value	
	Position	105
	Label	What do you think?
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_rblkly_1

	Value		Count	Percent
	Position	106		
	Label	A1: Risk/Bens--How likely-The extension of human life expectancy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		

Central Tendency and Dispersion	Mean	3.78		
	Standard Deviation	.897		
Labeled Values	1	Not at all likely	2	1.0%
	2	Slightly likely	11	5.4%
	3	Somewhat likely	63	30.7%
	4	Very likely	80	39.0%
	5	Extremely likely	47	22.9%

a1_rblkly_2

		Value	Count	Percent
Standard Attributes	Position	107		
	Label	A1: Risk/Bens--How likely-Cheap and more universal healthcare.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.68		
	Standard Deviation	1.039		
Labeled Values	1	Not at all likely	27	13.2%
	2	Slightly likely	62	30.2%
	3	Somewhat likely	72	35.1%
	4	Very likely	33	16.1%
	5	Extremely likely	9	4.4%

a1_rblkly_4

		Value	Count	Percent
Standard Attributes	Position	108		
	Label	A1: Risk/Bens--How likely-Higher rates of terminal illness survival (e.g., cancer survival).		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.67		
	Standard Deviation	.924		
Labeled Values	1	Not at all likely	6	2.9%
	2	Slightly likely	11	5.4%
	3	Somewhat likely	61	29.8%
	4	Very likely	90	43.9%
	5	Extremely likely	35	17.1%

a1_rblkly_8

		Value	Count	Percent
Standard Attributes	Position	109		

	Label	A1: Risk/Bens--How likely-The ability to improve humans through genetic manipulation.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.43		
	Standard Deviation	1.048		
Labeled Values	1	Not at all likely	10	4.9%
	2	Slightly likely	28	13.7%
	3	Somewhat likely	58	28.3%
	4	Very likely	79	38.5%
	5	Extremely likely	28	13.7%

a1_rbkly_13

		Value	Count	Percent
Standard Attributes	Position	110		
	Label	A1: Risk/Bens--How likely-The elimination of genetic inheritance of disease.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.14		
	Standard Deviation	.997		
Labeled Values	1	Not at all likely	12	5.9%
	2	Slightly likely	35	17.1%
	3	Somewhat likely	85	41.5%
	4	Very likely	54	26.3%
	5	Extremely likely	17	8.3%

a1_rbkly_14

		Value	Count	Percent
Standard Attributes	Position	111		
	Label	A1: Risk/Bens--How likely-Economic development through investment and research.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.38		

	Standard Deviation	.873		
Labeled Values	1	Not at all likely	5	2.4%
	2	Slightly likely	21	10.2%
	3	Somewhat likely	85	41.5%
	4	Very likely	75	36.6%
	5	Extremely likely	17	8.3%

a1_rblkly_18

		Value	Count	Percent
Standard Attributes	Position	112		
	Label	A1: Risk/Bens--How likely-Economic disruption caused by the loss of traditional jobs.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.68		
	Standard Deviation	1.000		
Labeled Values	1	Not at all likely	21	10.2%
	2	Slightly likely	74	36.1%
	3	Somewhat likely	62	30.2%
	4	Very likely	40	19.5%
	5	Extremely likely	6	2.9%

a1_rblkly_19

		Value	Count	Percent
Standard Attributes	Position	113		
	Label	A1: Risk/Bens--How likely-Loss of personal privacy to tiny new surveillance devices.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.92		
	Standard Deviation	1.092		
Labeled Values	1	Not at all likely	22	10.7%
	2	Slightly likely	48	23.4%
	3	Somewhat likely	72	35.1%
	4	Very likely	46	22.4%
	5	Extremely likely	15	7.3%

a1_rblkly_23

		Value	Count	Percent
Standard Attributes	Position	114		

	Label	A1: Risk/Bens--How likely-Pollution of the environment by nanomaterials.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.04		
	Standard Deviation	.914		
Labeled Values	1	Not at all likely	6	2.9%
	2	Slightly likely	47	22.9%
	3	Somewhat likely	97	47.3%
	4	Very likely	38	18.5%
	5	Extremely likely	15	7.3%

a1_rbkly_26

		Value	Count	Percent
Standard Attributes	Position	115		
	Label	A1: Risk/Bens--How likely-Unforeseen side-effects from nanomedicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.57		
	Standard Deviation	.820		
Labeled Values	1	Not at all likely	1	0.5%
	2	Slightly likely	16	7.8%
	3	Somewhat likely	77	37.6%
	4	Very likely	85	41.5%
	5	Extremely likely	24	11.7%

a1_rbkly_31

		Value	Count	Percent
Standard Attributes	Position	116		
	Label	A1: Risk/Bens--How likely-Loss of religious liberties.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.34		
	Standard Deviation	1.185		
Labeled Values	1	Not at all likely	63	30.7%
	2	Slightly likely	53	25.9%

	3	Somewhat likely	53	25.9%
	4	Very likely	23	11.2%
	5	Extremely likely	11	5.4%

a1_rblkly_29

		Value	Count	Percent
Standard Attributes	Position	117		
	Label	A1: Risk/Bens--How likely-The widening of the gap between the rich and the poor.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.06		
	Standard Deviation	1.186		
Labeled Values	1	Not at all likely	24	11.7%
	2	Slightly likely	38	18.5%
	3	Somewhat likely	68	33.2%
	4	Very likely	47	22.9%
	5	Extremely likely	26	12.7%

a1_t13_1

		Value
Standard Attributes	Position	118
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	49.8293
	Standard Deviation	197.46821

a1_t13_2

		Value
Standard Attributes	Position	119
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	117.2246
	Standard Deviation	218.79092

a1_t13_3

		Value
Standard Attributes	Position	120
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale

N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	102.4868
	Standard Deviation	100.69934

a1_t13_4

Value		
Standard Attributes	Position	121
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	14.3990
	Standard Deviation	3.90777

a1_rbimpt_x1

Value			Count	Percent
Standard Attributes	Position	122		
	Label	A1: Risk/Bens--How important-The extension of human life expectancy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.09		
	Standard Deviation	1.307		
Labeled Values	-3	Very important to AVOID	3	1.5%
	-2	Moderately important to AVOID	5	2.4%
	-1	Slightly important to AVOID	6	2.9%
	0	NOT IMPORTANT to avoid or achieve	53	25.9%
	1	Slightly important to ACHIEVE	58	28.3%
	2	Moderately important to ACHIEVE	45	22.0%
	3	Very important to ACHIEVE	33	16.1%

a1_rbimpt_x2

Value			Count	Percent
Standard Attributes	Position	123		
	Label	A1: Risk/Bens--How important-Cheap and more universal healthcare.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.62		
	Standard Deviation	1.293		
Labeled Values	-3	Very important to AVOID	3	1.5%
	-2	Moderately important to AVOID	3	1.5%
	-1	Slightly important to AVOID	5	2.4%
	0	NOT IMPORTANT to avoid or achieve	24	11.7%
	1	Slightly important to ACHIEVE	45	22.0%
	2	Moderately important to ACHIEVE	65	31.7%
	3	Very important to ACHIEVE	58	28.3%

a1_rbimpt_x4

		Value	Count	Percent
Standard Attributes	Position	124		
	Label	A1: Risk/Bens--How important-Higher rates of terminal illness survival (e.g., cancer survival).		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.70		
	Standard Deviation	1.844		
Labeled Values	-3	Very important to AVOID	17	8.3%
	-2	Moderately important to AVOID	5	2.4%
	-1	Slightly important to AVOID	4	2.0%
	0	NOT IMPORTANT to avoid or achieve	10	4.9%
	1	Slightly important to ACHIEVE	24	11.7%
	2	Moderately important to ACHIEVE	43	21.0%
	3	Very important to ACHIEVE	100	48.8%

a1_rbimpt_x8

		Value	Count	Percent
Standard Attributes	Position	125		
	Label	A1: Risk/Bens--How important-The ability to improve humans through genetic manipulation.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	.40		
	Standard Deviation	1.669		
Labeled Values	-3	Very important to AVOID	15	7.3%
	-2	Moderately important to AVOID	19	9.3%
	-1	Slightly important to AVOID	16	7.8%
	0	NOT IMPORTANT to avoid or achieve	45	22.0%
	1	Slightly important to ACHIEVE	58	28.3%
	2	Moderately important to ACHIEVE	28	13.7%
	3	Very important to ACHIEVE	22	10.7%

a1_rbimpt_x13

		Value	Count	Percent
Standard Attributes	Position	126		
	Label	A1: Risk/Bens--How important-The elimination of genetic inheritance of disease.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.63		
	Standard Deviation	1.502		
Labeled Values	-3	Very important to AVOID	8	3.9%
	-2	Moderately important to AVOID	4	2.0%
	-1	Slightly important to AVOID	6	2.9%
	0	NOT IMPORTANT to avoid or achieve	15	7.3%
	1	Slightly important to ACHIEVE	39	19.0%
	2	Moderately important to ACHIEVE	64	31.2%
	3	Very important to ACHIEVE	67	32.7%

a1_rbimpt_x14

		Value	Count	Percent
Standard Attributes	Position	127		
	Label	A1: Risk/Bens--How important-Economic development through investment and research.		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.27		
	Standard Deviation	1.182		
Labeled Values	-3	Very important to AVOID	3	1.5%
	-2	Moderately important to AVOID	4	2.0%
	-1	Slightly important to AVOID	6	2.9%
	0	NOT IMPORTANT to avoid or achieve	23	11.2%
	1	Slightly important to ACHIEVE	79	38.5%
	2	Moderately important to ACHIEVE	62	30.2%
	3	Very important to ACHIEVE	26	12.7%

a1_rbimpt_x18

		Value	Count	Percent
Standard Attributes	Position	128		
	Label	A1: Risk/Bens--How important-Economic disruption caused by the loss of traditional jobs.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	-1.98		
	Standard Deviation	1.183		
Labeled Values	-3	Very important to AVOID	86	42.0%
	-2	Moderately important to AVOID	64	31.2%
	-1	Slightly important to AVOID	27	13.2%
	0	NOT IMPORTANT to avoid or achieve	17	8.3%
	1	Slightly important to ACHIEVE	6	2.9%
	2	Moderately important to ACHIEVE	3	1.5%
	3	Very important to ACHIEVE	0	0.0%

a1_rbimpt_x19

		Value	Count	Percent
Standard Attributes	Position	129		

	Label	A1: Risk/Bens--How important-Loss of personal privacy to tiny new surveillance devices.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	-2.03		
	Standard Deviation	1.283		
Labeled Values	-3	Very important to AVOID	100	48.8%
	-2	Moderately important to AVOID	55	26.8%
	-1	Slightly important to AVOID	21	10.2%
	0	NOT IMPORTANT to avoid or achieve	15	7.3%
	1	Slightly important to ACHIEVE	7	3.4%
	2	Moderately important to ACHIEVE	4	2.0%
	3	Very important to ACHIEVE	1	0.5%

a1_rbimpt_x23

		Value	Count	Percent
Standard Attributes	Position	130		
	Label	A1: Risk/Bens--How important-Pollution of the environment by nanomaterials.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	-2.20		
	Standard Deviation	1.354		
Labeled Values	-3	Very important to AVOID	122	59.5%
	-2	Moderately important to AVOID	47	22.9%
	-1	Slightly important to AVOID	11	5.4%
	0	NOT IMPORTANT to avoid or achieve	9	4.4%
	1	Slightly important to ACHIEVE	6	2.9%
	2	Moderately important to ACHIEVE	5	2.4%
	3	Very important to ACHIEVE	3	1.5%

a1_rbimpt_x26

	Value	Count	Percent
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Standard Attributes	Position	131		
	Label	A1: Risk/Bens--How important-Unforeseen side-effects from nanomedicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	-2.13		
	Standard Deviation	1.450		
Labeled Values	-3	Very important to AVOID	122	59.5%
	-2	Moderately important to AVOID	42	20.5%
	-1	Slightly important to AVOID	11	5.4%
	0	NOT IMPORTANT to avoid or achieve	12	5.9%
	1	Slightly important to ACHIEVE	9	4.4%
	2	Moderately important to ACHIEVE	1	0.5%
	3	Very important to ACHIEVE	6	2.9%

a1_rbimpt_x31

		Value	Count	Percent
Standard Attributes	Position	132		
	Label	A1: Risk/Bens--How important-Loss of religious liberties.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	-1.98		
	Standard Deviation	1.359		
Labeled Values	-3	Very important to AVOID	105	51.2%
	-2	Moderately important to AVOID	40	19.5%
	-1	Slightly important to AVOID	22	10.7%
	0	NOT IMPORTANT to avoid or achieve	28	13.7%
	1	Slightly important to ACHIEVE	3	1.5%
	2	Moderately important to ACHIEVE	2	1.0%
	3	Very important to ACHIEVE	3	1.5%

a1_rbimpt_x29

	Value	Count	Percent
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Standard Attributes	Position	133		
	Label	A1: Risk/Bens--How important-The widening of the gap between the rich and the poor.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	-1.87		
	Standard Deviation	1.333		
Labeled Values	-3	Very important to AVOID	88	42.9%
	-2	Moderately important to AVOID	54	26.3%
	-1	Slightly important to AVOID	27	13.2%
	0	NOT IMPORTANT to avoid or achieve	22	10.7%
	1	Slightly important to ACHIEVE	6	2.9%
	2	Moderately important to ACHIEVE	5	2.4%
	3	Very important to ACHIEVE	1	0.5%

a1_t14_1

		Value
Standard Attributes	Position	134
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	65.4824
	Standard Deviation	404.31357

a1_t14_2

		Value
Standard Attributes	Position	135
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	356.9012
	Standard Deviation	3217.26390

a1_t14_3

		Value
Standard Attributes	Position	136
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale

N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	353.1251
	Standard Deviation	3217.77978

a1_t14_4

Value		
Standard Attributes	Position	137
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	14.4926
	Standard Deviation	4.15465

a1ATTPRE04_1

Value			Count	Percent
Standard Attributes	Position	138		
	Label	A1: Nanotech statement agreement- Nanotechnology is one of the more important issues confronting government today.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.86		
	Standard Deviation	1.398		
Labeled Values	1	Strongly Disagree	10	4.9%
	2	Disagree	29	14.1%
	3	Slightly Disagree	33	16.1%
	4	Click to write Scale point 7	69	33.7%
	5	Slightly Agree	36	17.6%
	6	Agree	22	10.7%
	7	Strongly Agree	4	2.0%

a1ATTPRE04_2

Value			Count	Percent
Standard Attributes	Position	139		
	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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.81		
	Standard Deviation	1.146		
Labeled Values	1	Strongly Disagree	6	2.9%
	2	Disagree	21	10.2%
	3	Slightly Disagree	42	20.5%
	4	Click to write Scale point 7	85	41.5%
	5	Slightly Agree	36	17.6%
	6	Agree	12	5.9%
	7	Strongly Agree	1	0.5%

a1ATTPRE04_3

		Value	Count	Percent
Standard Attributes	Position	140		
	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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.70		
	Standard Deviation	1.169		
Labeled Values	1	Strongly Disagree	6	2.9%
	2	Disagree	31	15.1%
	3	Slightly Disagree	33	16.1%
	4	Click to write Scale point 7	93	45.4%
	5	Slightly Agree	29	14.1%
	6	Agree	9	4.4%
	7	Strongly Agree	2	1.0%

a1ATTPRE04_4

		Value	Count	Percent
Standard Attributes	Position	141		
	Label	A1: Nanotech statement agreement- The government will effectively manage any risks associated with nanotechnology.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		

	Missing	2		
Central Tendency and Dispersion	Mean	3.58		
	Standard Deviation	1.403		
Labeled Values	1	Strongly Disagree	17	8.3%
	2	Disagree	33	16.1%
	3	Slightly Disagree	38	18.5%
	4	Click to write Scale point 7	62	30.2%
	5	Slightly Agree	39	19.0%
	6	Agree	11	5.4%
	7	Strongly Agree	3	1.5%

a1ATTPRE04_5

		Value	Count	Percent
Standard Attributes	Position	142		
	Label	A1: Nanotech statement agreement- Scientists working with nano-biological technologies will develop them in directions that are positive for society.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	4.96		
	Standard Deviation	1.177		
Labeled Values	1	Strongly Disagree	2	1.0%
	2	Disagree	4	2.0%
	3	Slightly Disagree	11	5.4%
	4	Click to write Scale point 7	56	27.3%
	5	Slightly Agree	51	24.9%
	6	Agree	68	33.2%
	7	Strongly Agree	11	5.4%

a1ATTPRE04_6

		Value	Count	Percent
Standard Attributes	Position	143		
	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	203		
	Missing	2		

Central Tendency and Dispersion	Mean	3.30		
	Standard Deviation	1.627		
Labeled Values	1	Strongly Disagree	30	14.6%
	2	Disagree	48	23.4%
	3	Slightly Disagree	32	15.6%
	4	Click to write Scale point 7	42	20.5%
	5	Slightly Agree	33	16.1%
	6	Agree	11	5.4%
	7	Strongly Agree	7	3.4%

a1ATTPRE04_7

		Value	Count	Percent
Standard Attributes	Position	144		
	Label	A1: Nanotech statement agreement- There are serious ethical problems associated with not quickly developing nanotechnologies.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.31		
	Standard Deviation	1.323		
Labeled Values	1	Strongly Disagree	20	9.8%
	2	Disagree	36	17.6%
	3	Slightly Disagree	48	23.4%
	4	Click to write Scale point 7	73	35.6%
	5	Slightly Agree	17	8.3%
	6	Agree	4	2.0%
	7	Strongly Agree	5	2.4%

a1ATTPRE04_8

		Value	Count	Percent
Standard Attributes	Position	145		
	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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.41		

	Standard Deviation	1.277		
Labeled Values	1	Strongly Disagree	59	28.8%
	2	Disagree	63	30.7%
	3	Slightly Disagree	31	15.1%
	4	Click to write Scale point 7	43	21.0%
	5	Slightly Agree	4	2.0%
	6	Agree	1	0.5%
	7	Strongly Agree	2	1.0%

a1_attchn_g_5

		Value	Count	Percent
Standard Attributes	Position	146		
	Label	A1: Likelihood of changing attitudes-The overall risk to benefit ratio of nano-biological developments.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	4.37		
	Standard Deviation	1.356		
Labeled Values	1	Very Unlikely	8	3.9%
	2	Unlikely	15	7.3%
	3	Somewhat Unlikely	20	9.8%
	4	Undecided /Cannot Judge	53	25.9%
	5	Somewhat Likely	72	35.1%
	6	Likely	28	13.7%
	7	Very Likely	7	3.4%

a1_attchn_g_6

		Value	Count	Percent
Standard Attributes	Position	147		
	Label	A1: Likelihood of changing attitudes-The extent to which nano-biological development needs to be regulated.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	4.51		
	Standard Deviation	1.453		
Labeled Values	1	Very Unlikely	10	4.9%
	2	Unlikely	12	5.9%
	3	Somewhat Unlikely	20	9.8%
	4	Undecided /Cannot Judge	45	22.0%
	5	Somewhat Likely	66	32.2%
	6	Likely	39	19.0%

7	Very Likely	11	5.4%
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a1_t15_1

Value		
Standard Attributes	Position	148
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	62.7447
	Standard Deviation	397.29015

a1_t15_2

Value		
Standard Attributes	Position	149
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	386.6602
	Standard Deviation	1757.66702

a1_t15_3

Value		
Standard Attributes	Position	150
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	386.3018
	Standard Deviation	1720.12648

a1_t15_4

Value		
Standard Attributes	Position	151
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	14.5271
	Standard Deviation	8.46443

a1_Q16

Value		
Standard Attributes	Position	152
	Label	Who Do you Trust?
	Type	Numeric
	Format	F8
	Measurement	Scale

N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_Q17

Value		
Standard Attributes	Position	153
	Label	To some extent, your "starting point" with regard to your feelings about nano-biological technologie...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_knowNS_1

Value			Count	Percent
Standard Attributes	Position	154		
	Label	A1: Experience w NS- How much do you know about nanoscientists?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.54		
	Standard Deviation	.740		
Labeled Values	1	Not at all	121	59.0%
	2	Just a little	58	28.3%
	3	Some	21	10.2%
	4	Quite a bit	3	1.5%
	5	A great deal	0	0.0%

a1_knowNS_2

Value			Count	Percent
Standard Attributes	Position	155		
	Label	A1: Experience w NS- To what extent have you had experiences or interactions with nanoscientists?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		

Central Tendency and Dispersion	Mean	1.17		
	Standard Deviation	.479		
Labeled Values	1	Not at all	177	86.3%
	2	Just a little	19	9.3%
	3	Some	6	2.9%
	4	Quite a bit	1	0.5%
	5	A great deal	0	0.0%

a1_knowNS_3

		Value	Count	Percent
Standard Attributes	Position	156		
	Label	A1: Experience w NS- To what extent do you feel certain in your views about nanoscientists?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.66		
	Standard Deviation	.954		
Labeled Values	1	Not at all	122	59.5%
	2	Just a little	43	21.0%
	3	Some	27	13.2%
	4	Quite a bit	8	3.9%
	5	A great deal	3	1.5%

a1_Q18

		Value
Standard Attributes	Position	157
	Label	Next, please make the following judgments based on whatever knowledge or experience you have right n...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	-99.00
	Standard Deviation	.000

a1_sconfNS_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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.64		
	Standard Deviation	.898		
Labeled Values	1	Not at all	5	2.4%
	2	Just a little	12	5.9%
	3	Some	65	31.7%
	4	Quite a bit	90	43.9%
	5	A great deal	31	15.1%

a1_sconfNS_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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.60		
	Standard Deviation	.935		
Labeled Values	1	Not at all	6	2.9%
	2	Just a little	14	6.8%
	3	Some	67	32.7%
	4	Quite a bit	84	41.0%
	5	A great deal	32	15.6%

a1_sconfNS_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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.11		
	Standard Deviation	.989		
Labeled Values	1	Not at all	9	4.4%
	2	Just a little	44	21.5%
	3	Some	84	41.0%
	4	Quite a bit	48	23.4%
	5	A great deal	18	8.8%

a1_sconfNS_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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.10		
	Standard Deviation	.975		
Labeled Values	1	Not at all	12	5.9%
	2	Just a little	38	18.5%
	3	Some	84	41.0%
	4	Quite a bit	56	27.3%
	5	A great deal	13	6.3%

a1_sconfNS_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	203		
	Missing	2		
Central Tendency and Dispersion	Mean	2.95		
	Standard Deviation	.979		
Labeled Values	1	Not at all	15	7.3%
	2	Just a little	49	23.9%
	3	Some	78	38.0%
	4	Quite a bit	53	25.9%
	5	A great deal	8	3.9%

a1_sconfNS_6

		Value	Count	Percent
Standard Attributes	Position	163		
	Label	A1: Conf in nanoscientists to-Minimize potential risks for humans.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.33		
	Standard Deviation	1.042		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	32	15.6%
	3	Some	66	32.2%
	4	Quite a bit	70	34.1%
	5	A great deal	25	12.2%

a1_sconfNS_7

		Value	Count	Percent
Standard Attributes	Position	164		
	Label	A1: Conf in nanoscientists to-Minimize potential environmental risks.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.03		
	Standard Deviation	.946		
Labeled Values	1	Not at all	11	5.4%
	2	Just a little	44	21.5%
	3	Some	85	41.5%
	4	Quite a bit	53	25.9%
	5	A great deal	10	4.9%

a1_sconfNS_8

		Value	Count	Percent
Standard Attributes	Position	165		
	Label	A1: Conf in nanoscientists to-Make decisions about the most important directions for future development.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.21		
	Standard Deviation	.944		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	31	15.1%
	3	Some	80	39.0%
	4	Quite a bit	70	34.1%
	5	A great deal	12	5.9%

a1_sconfNS_9

		Value	Count	Percent
Standard Attributes	Position	166		
	Label	A1: Conf in nanoscientists to- Study the social and ethical impacts and implications of future developments and regulations.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.04		
	Standard Deviation	.979		
Labeled Values	1	Not at all	13	6.3%
	2	Just a little	42	20.5%
	3	Some	84	41.0%
	4	Quite a bit	52	25.4%
	5	A great deal	12	5.9%

a1_sconfNS_10

		Value	Count	Percent
Standard Attributes	Position	167		
	Label	A1: Conf in nanoscientists to- Maximize potential benefits for human enhancement.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.52		
	Standard Deviation	1.021		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	19	9.3%
	3	Some	60	29.3%
	4	Quite a bit	83	40.5%
	5	A great deal	31	15.1%

a1_sconfNS_11

		Value	Count	Percent
Standard Attributes	Position	168		
	Label	A1: Conf in nanoscientists to- Maximize potential environmental benefits.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	3.10		
	Standard Deviation	.962		
Labeled Values	1	Not at all	9	4.4%
	2	Just a little	41	20.0%
	3	Some	89	43.4%
	4	Quite a bit	48	23.4%
	5	A great deal	16	7.8%

a1_t16_1

		Value
Standard Attributes	Position	169
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	58.8506
	Standard Deviation	339.85062

a1_t16_2

		Value
Standard Attributes	Position	170
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	153.7146
	Standard Deviation	590.29790

a1_t16_3

		Value
Standard Attributes	Position	171
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	121.6115
	Standard Deviation	465.49684

a1_t16_4

		Value
Standard Attributes	Position	172
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203

	Missing	2
Central Tendency and Dispersion	Mean	16.4384
	Standard Deviation	3.39188

a1_Q19

		Value
Standard Attributes	Position	173
	Label	Who Do you Trust?
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_knowPM_1

		Value	Count	Percent
Standard Attributes	Position	174		
	Label	A1: Experience with PM-How much do you know about policy makers who regulate nanotechnology?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.18		
	Standard Deviation	.489		
Labeled Values	1	Not at all	175	85.4%
	2	Just a little	19	9.3%
	3	Some	9	4.4%
	4	Quite a bit	0	0.0%
	5	A great deal	0	0.0%

a1_knowPM_2

		Value	Count	Percent
Standard Attributes	Position	175		
	Label	A1: Experience with PM-To what extent have you had experiences or interactions with these policy makers?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.09		
	Standard Deviation	.362		

Labeled Values	1	Not at all	190	92.7%
	2	Just a little	8	3.9%
	3	Some	5	2.4%
	4	Quite a bit	0	0.0%
	5	A great deal	0	0.0%

a1_knowPM_3

		Value	Count	Percent
Standard Attributes	Position	176		
	Label	A1: Experience with PM-To what extent do you feel certain in your views about these policy makers?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	203		
	Missing	2		
Central Tendency and Dispersion	Mean	1.33		
	Standard Deviation	.647		
Labeled Values	1	Not at all	156	76.1%
	2	Just a little	29	14.1%
	3	Some	17	8.3%
	4	Quite a bit	1	0.5%
	5	A great deal	0	0.0%

a1_Q20

		Value
Standard Attributes	Position	177
	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	203
	Missing	2
Central Tendency and Dispersion	Mean	-99.00
	Standard Deviation	.000

a1_sconfPM_1

		Value	Count	Percent
Standard Attributes	Position	178		
	Label	A1: Conf in policymakers to-Do their jobs well.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		

Central Tendency and Dispersion	Mean	2.96		
	Standard Deviation	.985		
Labeled Values	1	Not at all	11	5.4%
	2	Just a little	16	7.8%
	3	Some	46	22.4%
	4	Quite a bit	28	13.7%
	5	A great deal	3	1.5%

a1_sconfPM_2

		Value	Count	Percent
Standard Attributes	Position	179		
	Label	A1: Conf in policymakers to-Meet their professional responsibilities.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		
Central Tendency and Dispersion	Mean	3.13		
	Standard Deviation	1.086		
Labeled Values	1	Not at all	11	5.4%
	2	Just a little	14	6.8%
	3	Some	38	18.5%
	4	Quite a bit	33	16.1%
	5	A great deal	8	3.9%

a1_sconfPM_3

		Value	Count	Percent
Standard Attributes	Position	180		
	Label	A1: Conf in policymakers to-Meet their ethical responsibilities.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		
Central Tendency and Dispersion	Mean	2.88		
	Standard Deviation	1.086		
Labeled Values	1	Not at all	11	5.4%
	2	Just a little	25	12.2%
	3	Some	44	21.5%
	4	Quite a bit	14	6.8%
	5	A great deal	10	4.9%

a1_sconfPM_4

		Value	Count	Percent
Standard Attributes	Position	181		

	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	104		
	Missing	101		
Central Tendency and Dispersion	Mean	2.70		
	Standard Deviation	.994		
Labeled Values	1	Not at all	13	6.3%
	2	Just a little	29	14.1%
	3	Some	41	20.0%
	4	Quite a bit	18	8.8%
	5	A great deal	3	1.5%

a1_sconfPM_5

		Value	Count	Percent
Standard Attributes	Position	182		
	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	104		
	Missing	101		
Central Tendency and Dispersion	Mean	2.75		
	Standard Deviation	1.086		
Labeled Values	1	Not at all	16	7.8%
	2	Just a little	25	12.2%
	3	Some	36	17.6%
	4	Quite a bit	23	11.2%
	5	A great deal	4	2.0%

a1_sconfPM_6

		Value	Count	Percent
Standard Attributes	Position	183		
	Label	A1: Conf in policymakers to-Minimize potential risks for humans.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		

Central Tendency and Dispersion	Mean	3.01		
	Standard Deviation	1.102		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	22	10.7%
	3	Some	39	19.0%
	4	Quite a bit	23	11.2%
	5	A great deal	10	4.9%

a1_sconfPM_7

		Value	Count	Percent
Standard Attributes	Position	184		
	Label	A1: Conf in policymakers to-Minimize potential environmental risks.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		
Central Tendency and Dispersion	Mean	2.77		
	Standard Deviation	1.143		
Labeled Values	1	Not at all	16	7.8%
	2	Just a little	27	13.2%
	3	Some	33	16.1%
	4	Quite a bit	21	10.2%
	5	A great deal	7	3.4%

a1_sconfPM_8

		Value	Count	Percent
Standard Attributes	Position	185		
	Label	A1: Conf in policymakers to-Make decisions about the most important directions for future development.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		
Central Tendency and Dispersion	Mean	2.83		
	Standard Deviation	1.074		
Labeled Values	1	Not at all	13	6.3%
	2	Just a little	26	12.7%
	3	Some	36	17.6%
	4	Quite a bit	24	11.7%
	5	A great deal	5	2.4%

a1_sconfPM_9

	Value	Count	Percent
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Standard Attributes	Position	186		
	Label	A1: Conf in policymakers to-Study the social and ethical impacts and implications of future developments and regulations.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		
Central Tendency and Dispersion	Mean	2.82		
	Standard Deviation	1.050		
Labeled Values	1	Not at all	14	6.8%
	2	Just a little	22	10.7%
	3	Some	41	20.0%
	4	Quite a bit	23	11.2%
	5	A great deal	4	2.0%

a1_sconfPM_10

		Value	Count	Percent
Standard Attributes	Position	187		
	Label	A1: Conf in policymakers to-Maximize potential benefits for human enhancement.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		
	Missing	101		
Central Tendency and Dispersion	Mean	3.00		
	Standard Deviation	1.132		
Labeled Values	1	Not at all	12	5.9%
	2	Just a little	22	10.7%
	3	Some	32	15.6%
	4	Quite a bit	30	14.6%
	5	A great deal	8	3.9%

a1_sconfPM_11

		Value	Count	Percent
Standard Attributes	Position	188		
	Label	A1: Conf in policymakers to-Maximize potential environmental benefits.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	104		

	Missing	101		
Central Tendency and Dispersion	Mean	2.68		
	Standard Deviation	1.036		
Labeled Values	1	Not at all	16	7.8%
	2	Just a little	26	12.7%
	3	Some	40	19.5%
	4	Quite a bit	19	9.3%
	5	A great deal	3	1.5%

a1_gconfPM_1

		Value	Count	Percent
Standard Attributes	Position	189		
	Label	A1: Policymakers-Are trustworthy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	2.67		
	Standard Deviation	.958		
Labeled Values	1	Not at all	14	6.8%
	2	Just a little	22	10.7%
	3	Some	49	23.9%
	4	Quite a bit	11	5.4%
	5	A great deal	3	1.5%

a1_gconfPM_6

		Value	Count	Percent
Standard Attributes	Position	190		
	Label	A1: Policymakers-Are fair.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	2.80		
	Standard Deviation	.869		
Labeled Values	1	Not at all	8	3.9%
	2	Just a little	23	11.2%
	3	Some	51	24.9%
	4	Quite a bit	15	7.3%
	5	A great deal	2	1.0%

a1_gconfPM_19

		Value	Count	Percent
Standard Attributes	Position	191		

	Label	A1: Policymakers-Care about people like you, your friends, and your family.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	2.76		
	Standard Deviation	1.089		
Labeled Values	1	Not at all	15	7.3%
	2	Just a little	23	11.2%
	3	Some	37	18.0%
	4	Quite a bit	19	9.3%
	5	A great deal	5	2.4%

a1_gconfPM_23

		Value	Count	Percent
Standard Attributes	Position	192		
	Label	A1: Policymakers-Are motivated to "do the right thing."		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	2.85		
	Standard Deviation	.993		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	21	10.2%
	3	Some	48	23.4%
	4	Quite a bit	14	6.8%
	5	A great deal	6	2.9%

a1_gconfPM_7

		Value	Count	Percent
Standard Attributes	Position	193		
	Label	A1: Policymakers-Are competent to do their jobs.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	3.08		
	Standard Deviation	.841		
Labeled Values	1	Not at all	4	2.0%
	2	Just a little	14	6.8%
	3	Some	56	27.3%

	4	Quite a bit	20	9.8%
	5	A great deal	5	2.4%

a1_gconfPM_9

		Value	Count	Percent
Standard Attributes	Position	194		
	Label	A1: Policymakers- Have the knowledge needed to do their jobs well.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	3.17		
	Standard Deviation	.969		
Labeled Values	1	Not at all	6	2.9%
	2	Just a little	13	6.3%
	3	Some	46	22.4%
	4	Quite a bit	26	12.7%
	5	A great deal	8	3.9%

a1_gconfPM_11

		Value	Count	Percent
Standard Attributes	Position	195		
	Label	A1: Policymakers- Have the training needed to do their jobs well.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	3.14		
	Standard Deviation	1.030		
Labeled Values	1	Not at all	9	4.4%
	2	Just a little	10	4.9%
	3	Some	47	22.9%
	4	Quite a bit	24	11.7%
	5	A great deal	9	4.4%

a1_gconfPM_5

		Value	Count	Percent
Standard Attributes	Position	196		
	Label	A1: Policymakers-Are dishonest.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	2.49		
	Standard Deviation	.930		
Labeled Values	1	Not at all	12	5.9%
	2	Just a little	40	19.5%
	3	Some	37	18.0%
	4	Quite a bit	6	2.9%
	5	A great deal	4	2.0%

a1_gconfPM_29

		Value	Count	Percent
Standard Attributes	Position	197		
	Label	A1: Policymakers-Are primarily motivated by what will benefit them personally.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	3.20		
	Standard Deviation	1.010		
Labeled Values	1	Not at all	4	2.0%
	2	Just a little	19	9.3%
	3	Some	40	19.5%
	4	Quite a bit	25	12.2%
	5	A great deal	11	5.4%

a1_gconfPM_31

		Value	Count	Percent
Standard Attributes	Position	198		
	Label	A1: Policymakers-Don't really care about the long-term risks of their decisions.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	99		
	Missing	106		
Central Tendency and Dispersion	Mean	2.64		
	Standard Deviation	1.005		
Labeled Values	1	Not at all	14	6.8%
	2	Just a little	28	13.7%
	3	Some	41	20.0%
	4	Quite a bit	12	5.9%
	5	A great deal	4	2.0%

a1_t17_1

		Value
Standard Attributes	Position	199
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	25.9644
	Standard Deviation	104.20082

a1_t17_2

		Value
Standard Attributes	Position	200
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	74.6923
	Standard Deviation	124.30217

a1_t17_3

		Value
Standard Attributes	Position	201
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	71.7002
	Standard Deviation	124.99540

a1_t17_4

		Value
Standard Attributes	Position	202
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	203
	Missing	2
Central Tendency and Dispersion	Mean	15.4335
	Standard Deviation	3.14489

a1_Q21

		Value
Standard Attributes	Position	203
	Label	Who are you?
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_Q22

		Value
Standard Attributes	Position	204
	Label	So far, you've considered: Where do you start? What do you know? What do you think? and...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_Traits_3

		Value	Count	Percent
Standard Attributes	Position	205		
	Label	A1: Traits : Extent of Agreement-I believe that others have good intentions.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.07		
	Standard Deviation	.949		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	12	5.9%
	3	Slightly Disagree	33	16.1%
	4	Slightly Agree	91	44.4%
	5	Agree	56	27.3%
	6	Strongly Agree	9	4.4%

a1_Traits_2

		Value	Count	Percent
Standard Attributes	Position	206		
	Label	A1: Traits : Extent of Agreement-I trust what people say.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.54		
	Standard Deviation	1.115		

Labeled Values	1	Strongly Disagree	5	2.4%
	2	Disagree	34	16.6%
	3	Slightly Disagree	54	26.3%
	4	Slightly Agree	70	34.1%
	5	Agree	33	16.1%
	6	Strongly Agree	6	2.9%

a1_Traits_5

		Value	Count	Percent
Standard Attributes	Position	207		
	Label	A1: Traits : Extent of Agreement-I believe most people try to be fair.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.69		
	Standard Deviation	1.136		
Labeled Values	1	Strongly Disagree	8	3.9%
	2	Disagree	22	10.7%
	3	Slightly Disagree	49	23.9%
	4	Slightly Agree	77	37.6%
	5	Agree	38	18.5%
	6	Strongly Agree	8	3.9%

a1_Traits_6

		Value	Count	Percent
Standard Attributes	Position	208		
	Label	A1: Traits : Extent of Agreement-The notion of thinking abstractly is appealing to me.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.26		
	Standard Deviation	1.094		
Labeled Values	1	Strongly Disagree	4	2.0%
	2	Disagree	8	3.9%
	3	Slightly Disagree	30	14.6%
	4	Slightly Agree	73	35.6%
	5	Agree	64	31.2%
	6	Strongly Agree	23	11.2%

a1_Traits_7

		Value	Count	Percent
Standard Attributes	Position	209		

	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.15		
	Standard Deviation	.961		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	10	4.9%
	3	Slightly Disagree	35	17.1%
	4	Slightly Agree	87	42.4%
	5	Agree	55	26.8%
	6	Strongly Agree	15	7.3%

a1_Traits_8

		Value	Count	Percent
Standard Attributes	Position	210		
	Label	A1: Traits : Extent of Agreement-Thinking is not my idea of fun.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	2.58		
	Standard Deviation	1.216		
Labeled Values	1	Strongly Disagree	35	17.1%
	2	Disagree	77	37.6%
	3	Slightly Disagree	51	24.9%
	4	Slightly Agree	20	9.8%
	5	Agree	15	7.3%
	6	Strongly Agree	4	2.0%

a1_Traits_9

		Value	Count	Percent
Standard Attributes	Position	211		
	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	202		

	Missing	3		
Central Tendency and Dispersion	Mean	2.60		
	Standard Deviation	1.120		
Labeled Values	1	Strongly Disagree	28	13.7%
	2	Disagree	81	39.5%
	3	Slightly Disagree	51	24.9%
	4	Slightly Agree	29	14.1%
	5	Agree	11	5.4%
	6	Strongly Agree	2	1.0%

a1_Traits_10

		Value	Count	Percent
Standard Attributes	Position	212		
	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.32		
	Standard Deviation	.978		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	6	2.9%
	3	Slightly Disagree	28	13.7%
	4	Slightly Agree	81	39.5%
	5	Agree	64	31.2%
	6	Strongly Agree	22	10.7%

a1_Traits_11

		Value	Count	Percent
Standard Attributes	Position	213		
	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	2.50		
	Standard Deviation	1.134		
Labeled Values	1	Strongly Disagree	35	17.1%
	2	Disagree	80	39.0%
	3	Slightly Disagree	53	25.9%
	4	Slightly Agree	24	11.7%
	5	Agree	5	2.4%
	6	Strongly Agree	5	2.4%

a1_Traits_12

		Value	Count	Percent
Standard Attributes	Position	214		
	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.91		
	Standard Deviation	1.151		
Labeled Values	1	Strongly Disagree	4	2.0%
	2	Disagree	19	9.3%
	3	Slightly Disagree	47	22.9%
	4	Slightly Agree	68	33.2%
	5	Agree	49	23.9%
	6	Strongly Agree	15	7.3%

a1_Traits_13

		Value	Count	Percent
Standard Attributes	Position	215		
	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.57		
	Standard Deviation	.923		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	1	0.5%
	3	Slightly Disagree	21	10.2%
	4	Slightly Agree	68	33.2%
	5	Agree	80	39.0%
	6	Strongly Agree	31	15.1%

a1_Traits_14

		Value	Count	Percent
Standard Attributes	Position	216		

	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.44		
	Standard Deviation	1.088		
Labeled Values	1	Strongly Disagree	5	2.4%
	2	Disagree	4	2.0%
	3	Slightly Disagree	24	11.7%
	4	Slightly Agree	61	29.8%
	5	Agree	80	39.0%
	6	Strongly Agree	28	13.7%

a1_Traits_15

		Value	Count	Percent
Standard Attributes	Position	217		
	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.11		
	Standard Deviation	1.194		
Labeled Values	1	Strongly Disagree	6	2.9%
	2	Disagree	14	6.8%
	3	Slightly Disagree	32	15.6%
	4	Slightly Agree	72	35.1%
	5	Agree	55	26.8%
	6	Strongly Agree	23	11.2%

a1_Traits_16

		Value	Count	Percent
Standard Attributes	Position	218		
	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	202		

	Missing	3		
Central Tendency and Dispersion	Mean	4.67		
	Standard Deviation	.947		
Labeled Values	1	Strongly Disagree	2	1.0%
	2	Disagree	2	1.0%
	3	Slightly Disagree	13	6.3%
	4	Slightly Agree	63	30.7%
	5	Agree	85	41.5%
	6	Strongly Agree	37	18.0%

a1_Traits_17

		Value	Count	Percent
Standard Attributes	Position	219		
	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.57		
	Standard Deviation	.896		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	3	1.5%
	3	Slightly Disagree	13	6.3%
	4	Slightly Agree	85	41.5%
	5	Agree	67	32.7%
	6	Strongly Agree	34	16.6%

a1_Traits_18

		Value	Count	Percent
Standard Attributes	Position	220		
	Label	A1: Traits : Extent of Agreement-I follow political and social issues because I want to learn more things.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.88		
	Standard Deviation	1.199		
Labeled Values	1	Strongly Disagree	8	3.9%
	2	Disagree	20	9.8%
	3	Slightly Disagree	37	18.0%
	4	Slightly Agree	73	35.6%
	5	Agree	51	24.9%
	6	Strongly Agree	13	6.3%

a1_Traits_19

		Value	Count	Percent
Standard Attributes	Position	221		
	Label	A1: Traits : Extent of Agreement-I follow political and social issues because that's what I'm supposed to do.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.04		
	Standard Deviation	1.192		
Labeled Values	1	Strongly Disagree	24	11.7%
	2	Disagree	43	21.0%
	3	Slightly Disagree	57	27.8%
	4	Slightly Agree	60	29.3%
	5	Agree	15	7.3%
	6	Strongly Agree	3	1.5%

a1_Traits_20

		Value	Count	Percent
Standard Attributes	Position	222		
	Label	A1: Traits : Extent of Agreement-I follow political and social issues because it bothers me when I don't.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.02		
	Standard Deviation	1.205		
Labeled Values	1	Strongly Disagree	23	11.2%
	2	Disagree	52	25.4%
	3	Slightly Disagree	47	22.9%
	4	Slightly Agree	59	28.8%
	5	Agree	20	9.8%
	6	Strongly Agree	1	0.5%

a1_Traits_24

		Value	Count	Percent
Standard Attributes	Position	223		

	Label	A1: Traits : Extent of Agreement-I follow political and social issues because I think it's important.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.93		
	Standard Deviation	1.212		
Labeled Values	1	Strongly Disagree	8	3.9%
	2	Disagree	19	9.3%
	3	Slightly Disagree	33	16.1%
	4	Slightly Agree	78	38.0%
	5	Agree	47	22.9%
	6	Strongly Agree	17	8.3%

a1_Traits_27

		Value	Count	Percent
Standard Attributes	Position	224		
	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	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.61		
	Standard Deviation	1.282		
Labeled Values	1	Strongly Disagree	8	3.9%
	2	Disagree	40	19.5%
	3	Slightly Disagree	39	19.0%
	4	Slightly Agree	64	31.2%
	5	Agree	38	18.5%
	6	Strongly Agree	13	6.3%

a1_Traits_25

		Value	Count	Percent
Standard Attributes	Position	225		
	Label	A1: Traits : Extent of Agreement-I consider myself well-qualified to participate in politics.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	2.96		
	Standard Deviation	1.275		
Labeled Values	1	Strongly Disagree	28	13.7%
	2	Disagree	50	24.4%
	3	Slightly Disagree	55	26.8%
	4	Slightly Agree	47	22.9%
	5	Agree	16	7.8%
	6	Strongly Agree	6	2.9%

a1_Traits_28

		Value	Count	Percent
Standard Attributes	Position	226		
	Label	A1: Traits : Extent of Agreement-I think that I am better informed about political and social issues than other students.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.13		
	Standard Deviation	1.216		
Labeled Values	1	Strongly Disagree	20	9.8%
	2	Disagree	43	21.0%
	3	Slightly Disagree	58	28.3%
	4	Slightly Agree	57	27.8%
	5	Agree	19	9.3%
	6	Strongly Agree	5	2.4%

a1_Traits_23

		Value	Count	Percent
Standard Attributes	Position	227		
	Label	A1: Traits : Extent of Agreement-I feel I have a pretty good understanding of current political and social issues facing my world.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	3.50		
	Standard Deviation	1.181		
Labeled Values	1	Strongly Disagree	14	6.8%
	2	Disagree	22	10.7%
	3	Slightly Disagree	60	29.3%

	4	Slightly Agree	67	32.7%
	5	Agree	33	16.1%
	6	Strongly Agree	6	2.9%

a1_Traits_36

		Value	Count	Percent
Standard Attributes	Position	228		
	Label	A1: Traits : Extent of Agreement-I have a vivid imagination.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.34		
	Standard Deviation	1.132		
Labeled Values	1	Strongly Disagree	2	1.0%
	2	Disagree	13	6.3%
	3	Slightly Disagree	22	10.7%
	4	Slightly Agree	75	36.6%
	5	Agree	57	27.8%
	6	Strongly Agree	33	16.1%

a1_Traits_39

		Value	Count	Percent
Standard Attributes	Position	229		
	Label	A1: Traits : Extent of Agreement-I enjoy hearing new ideas.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	4.78		
	Standard Deviation	.859		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	2	1.0%
	3	Slightly Disagree	10	4.9%
	4	Slightly Agree	59	28.8%
	5	Agree	90	43.9%
	6	Strongly Agree	41	20.0%

a1_Traits_41

		Value	Count	Percent
Standard Attributes	Position	230		
	Label	A1: Traits : Extent of Agreement-I do not like art.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	2.50		
	Standard Deviation	1.394		
Labeled Values	1	Strongly Disagree	64	31.2%
	2	Disagree	47	22.9%
	3	Slightly Disagree	42	20.5%
	4	Slightly Agree	31	15.1%
	5	Agree	11	5.4%
	6	Strongly Agree	7	3.4%

a1_Traits_40

		Value	Count	Percent
Standard Attributes	Position	231		
	Label	A1: Traits : Extent of Agreement-I am not interested in abstract ideas.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	2.68		
	Standard Deviation	1.102		
Labeled Values	1	Strongly Disagree	27	13.2%
	2	Disagree	70	34.1%
	3	Slightly Disagree	59	28.8%
	4	Slightly Agree	34	16.6%
	5	Agree	11	5.4%
	6	Strongly Agree	1	0.5%

a1_t18_1

		Value
Standard Attributes	Position	232
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	113.1421
	Standard Deviation	658.60848

a1_t18_2

		Value
Standard Attributes	Position	233
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202

	Missing	3
Central Tendency and Dispersion	Mean	295.7316
	Standard Deviation	684.84649

a1_t18_3

		Value
Standard Attributes	Position	234
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	246.7458
	Standard Deviation	572.94346

a1_t18_4

		Value
Standard Attributes	Position	235
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	31.8069
	Standard Deviation	6.35025

a1_Q23

		Value
Standard Attributes	Position	236
	Label	Who are you? Remember: Your answers are confidential. None of these answers will be shared with...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_intrnat

		Value	Count	Percent
Standard Attributes	Position	237		
	Label	A1: Interest: Nat'l politics/affairs		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	2.97		

	Standard Deviation	1.569		
Labeled Values	0	not interested 0	17	8.3%
	1	1	21	10.2%
	2	2	33	16.1%
	3	moderately interested 3	55	26.8%
	4	4	43	21.0%
	5	5	23	11.2%
	6	extremely interested 6	10	4.9%

a1_intrloc

		Value	Count	Percent
Standard Attributes	Position	238		
	Label	A1: Interest: Community politics/affairs		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	202		
	Missing	3		
Central Tendency and Dispersion	Mean	2.96		
	Standard Deviation	1.516		
Labeled Values	0	not interested 0	16	7.8%
	1	1	20	9.8%
	2	2	32	15.6%
	3	moderately interested 3	61	29.8%
	4	4	42	20.5%
	5	5	23	11.2%
	6	extremely interested 6	8	3.9%

a1_ideolog_1

		Value	Count	Percent
Standard Attributes	Position	239		
	Label	A1: Political ideology-Overall		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	185		
	Missing	20		
Central Tendency and Dispersion	Mean	4.24		
	Standard Deviation	1.794		
Labeled Values	1	Strongly Liberal	11	5.4%
	2	Moderately Liberal	35	17.1%
	3	Weakly Liberal	14	6.8%
	4	Centrist / Middle of the Road	42	20.5%
	5	Weakly Conservative	19	9.3%
	6	Moderately Conservative	49	23.9%
	7	Strongly Conservative	15	7.3%
	8	Prefer not to answer	17	8.3%

a1_ideolog_2

		Value	Count	Percent
Standard Attributes	Position	240		
	Label	A1: Political ideology- When it comes to ECONOMIC issues		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	184		
	Missing	21		
Central Tendency and Dispersion	Mean	4.49		
	Standard Deviation	1.702		
Labeled Values	1	Strongly Liberal	8	3.9%
	2	Moderately Liberal	21	10.2%
	3	Weakly Liberal	22	10.7%
	4	Centrist / Middle of the Road	43	21.0%
	5	Weakly Conservative	21	10.2%
	6	Moderately Conservative	49	23.9%
	7	Strongly Conservative	20	9.8%
	8	Prefer not to answer	18	8.8%

a1_ideolog_6

		Value	Count	Percent
Standard Attributes	Position	241		
	Label	A1: Political ideology- When it comes to SOCIAL issues		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	184		
	Missing	21		
Central Tendency and Dispersion	Mean	3.89		
	Standard Deviation	1.925		
Labeled Values	1	Strongly Liberal	22	10.7%
	2	Moderately Liberal	34	16.6%
	3	Weakly Liberal	26	12.7%
	4	Centrist / Middle of the Road	33	16.1%
	5	Weakly Conservative	17	8.3%
	6	Moderately Conservative	33	16.1%
	7	Strongly Conservative	19	9.3%
	8	Prefer not to answer	18	8.8%

a1_partyid

		Value	Count	Percent
Standard Attributes	Position	242		
	Label	A1: Party identification		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	182		
	Missing	23		
Central Tendency and Dispersion	Mean	4.40		
	Standard Deviation	1.572		
Labeled Values	1	Strong Democrat	4	2.0%
	2	Democrat	25	12.2%
	3	Weak and Leaning Democrat	21	10.2%
	4	Independent / Other	47	22.9%
	5	Weak and Leaning Republican	27	13.2%
	6	Republican	46	22.4%
	7	Strong Republican	12	5.9%
	8	Prefer not to answer	20	9.8%

a1_relig_1

		Value	Count	Percent
Standard Attributes	Position	243		
	Label	A1: Level of religiousness-Overall		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	187		
	Missing	18		
Central Tendency and Dispersion	Mean	2.60		
	Standard Deviation	.942		
Labeled Values	1	Not at all religious	29	14.1%
	2	A little bit religious	48	23.4%
	3	Moderately religious	79	38.5%
	4	Very religious	31	15.1%
	5	Prefer not to answer	14	6.8%

a1_religty

		Value	Count	Percent
Standard Attributes	Position	244		
	Label	A1: Type of religion		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	174		
	Missing	31		
Central Tendency and Dispersion	Mean	4.94		
	Standard Deviation	2.893		
Labeled Values	1	Mainline Protestant	25	12.2%
	2	Evangelical Protestant	22	10.7%
	3	Black Protestant	1	0.5%

	4	Roman Catholic	61	29.8%
	5	Jewish	0	0.0%
	6	Muslim	0	0.0%
	7	Agnostic	16	7.8%
	8	Atheist	9	4.4%
	9	Other	40	19.5%
	10	Prefer not to answer	27	13.2%

a1_t19_1

		Value
Standard Attributes	Position	245
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	13.4773
	Standard Deviation	34.64933

a1_t19_2

		Value
Standard Attributes	Position	246
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	174.0829
	Standard Deviation	222.37238

a1_t19_3

		Value
Standard Attributes	Position	247
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	234.0865
	Standard Deviation	234.69092

a1_t19_4

		Value
Standard Attributes	Position	248
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	202
	Missing	3
Central Tendency and Dispersion	Mean	14.2970
	Standard Deviation	8.16502

a1_Q24

		Value
Standard Attributes	Position	249
	Label	Print this Page. You will need to hand it in at your next recitation to be graded. Note: On the...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	189
	Missing	16
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_Q26

		Value
Standard Attributes	Position	250
	Label	The End!
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	186
	Missing	19
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a1_Q27

		Value
Standard Attributes	Position	251
	Label	When you are done, click continue to submit your assignment.
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	186
	Missing	19
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_NIF_cond

		Value	Count	Percent
Standard Attributes	Position	252		
	Label	based on individual A2 data		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	Traditional	104	50.7%
	1.00	NIF	91	44.4%
Missing Values	System		10	4.9%

a2_CT_cond

		Value	Count	Percent
Standard Attributes	Position	253		

	Label	based on individual A2 data		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	Feedback	91	44.4%
	1.00	CT	104	50.7%
Missing Values	System		10	4.9%

a2_Q1

		Value
Standard Attributes	Position	254
	Label	This assignment will take approximately 60-90 minutes to complete. If you think you will n...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

reci_actual

		Value	Count	Percent
Standard Attributes	Position	255		
	Label	Which reci-Recitation section number (Please check list below for accuracy)		
	Type	String		
	Format	A32767		
	Measurement	Nominal		
Valid Values	151		23	11.2%
	152		18	8.8%
	153		20	9.8%
	154		22	10.7%
	155		17	8.3%
	156		20	9.8%
	157		18	8.8%
	158		17	8.3%
	159		18	8.8%
	160		22	10.7%
Missing Values			10	4.9%

a2_time1_1

		Value
Standard Attributes	Position	256
	Label	Timing-First Click

	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	2603.1389
	Standard Deviation	33208.95392

a2_time1_2

Value		
Standard Attributes	Position	257
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	2843.6246
	Standard Deviation	33277.88684

a2_time1_3

Value		
Standard Attributes	Position	258
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	2864.8039
	Standard Deviation	33283.83201

a2_time1_4

Value		
Standard Attributes	Position	259
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	4.0359
	Standard Deviation	3.16452

a2_Q3

Value		
Standard Attributes	Position	260
	Label	At the beginning of the semester, you began a specific method of public engagement that has been dev...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time2_1

		Value
Standard Attributes	Position	261
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	10.1428
	Standard Deviation	109.47025

a2_time2_2

		Value
Standard Attributes	Position	262
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	10.7325
	Standard Deviation	109.51690

a2_time2_3

		Value
Standard Attributes	Position	263
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	213.7330
	Standard Deviation	2496.18305

a2_time2_4

		Value
Standard Attributes	Position	264
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	.4359
	Standard Deviation	2.39410

a2_Q4

		Value
Standard Attributes	Position	265
	Label	Where Are You Starting From? Before getting started, please indicate what you think right NOW ab...
	Type	Numeric

	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_fnanopr

		Value	Count	Percent
Standard Attributes	Position	266		
	Label	A2: Amount of nanotech familiarity--pre backgrounder		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.98		
	Standard Deviation	.700		
Labeled Values	1	Not at all familiar	48	23.4%
	2	Slightly familiar	103	50.2%
	3	Somewhat familiar	43	21.0%
	4	Very familiar	1	0.5%
	5	Extremely familiar	0	0.0%

a2_fmmedpre

		Value	Count	Percent
Standard Attributes	Position	267		
	Label	A2: Amount of nanotech-medical familiarity--pre backgrounder		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.93		
	Standard Deviation	.729		
Labeled Values	1	Not at all familiar	57	27.8%
	2	Slightly familiar	97	47.3%
	3	Somewhat familiar	39	19.0%
	4	Very familiar	2	1.0%
	5	Extremely familiar	0	0.0%

a2_fgenpre

		Value	Count	Percent
Standard Attributes	Position	268		
	Label	A2: Amount of nanotech-genetic familiarity--pre backgrounder		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.89		
	Standard Deviation	.782		
Labeled Values	1	Not at all familiar	69	33.7%
	2	Slightly familiar	80	39.0%
	3	Somewhat familiar	44	21.5%
	4	Very familiar	2	1.0%
	5	Extremely familiar	0	0.0%

a2_Q5

		Value
Standard Attributes	Position	269
	Label	You may feel like you do not have enough information to answer the next two questions -- Please try...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2pre_riskben

		Value	Count	Percent
Standard Attributes	Position	270		
	Label	A2pre:do the risks outweigh benefits (low) or benefits outweigh risks (high)		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	4.58		
	Standard Deviation	1.420		
Labeled Values	1	The risks greatly outweigh the benefits	5	2.4%
	2	The risks somewhat outweigh the benefits	11	5.4%
	3	The risks slightly outweigh the benefits	26	12.7%
	4	The risks and benefits are equal	46	22.4%
	5	The benefits slightly outweigh the risks	50	24.4%
	6	The benefits somewhat outweigh the risks	44	21.5%

7	The benefits greatly outweigh the risks	13	6.3%
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a2pre_regslid

		Value
Standard Attributes	Position	271
	Label	A2pre: amount of regulation low (none) to high (every aspect)
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	62.3538
	Standard Deviation	21.39402

a2_time3_1

		Value
Standard Attributes	Position	272
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	15.8339
	Standard Deviation	49.73942

a2_time3_2

		Value
Standard Attributes	Position	273
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	68.2618
	Standard Deviation	85.72027

a2_time3_3

		Value
Standard Attributes	Position	274
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	66.5697
	Standard Deviation	85.26312

a2_time3_4

		Value
Standard Attributes	Position	275
	Label	Timing-Click Count

	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	7.0667
	Standard Deviation	2.93936

a2_knowA_1_TF

		Value	Count	Percent
Standard Attributes	Position	276		
	Label	A2: T/F--pre : This statement is:- Nanotechnology is already being used to map the human genome.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.05		
	Standard Deviation	.224		
Labeled Values	1	True	90	43.9%
	2	False	5	2.4%

a2_knowA_2_TF

		Value	Count	Percent
Standard Attributes	Position	277		
	Label	A2: T/F--pre : This statement is:- Breakthroughs in nanogenomics already allow very wealthy parents to manipulate the intelligence of their children.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.79		
	Standard Deviation	.410		
Labeled Values	1	True	20	9.8%
	2	False	75	36.6%

a2_knowA_3_TF

		Value	Count	Percent
Standard Attributes	Position	278		

	Label	A2: T/F--pre : This statement is:-A good example of a nano-sized object is a red blood cell.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.57		
	Standard Deviation	.498		
Labeled Values	1	True	41	20.0%
	2	False	54	26.3%

a2_knowA_4__TF

		Value	Count	Percent
Standard Attributes	Position	279		
	Label	A2: T/F--pre : This statement is:- Nanomaterials in the environment can enter the body and certain nanoparticles have already been shown to interfere with normal bodily processes.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.23		
	Standard Deviation	.424		
Labeled Values	1	True	73	35.6%
	2	False	22	10.7%

a2_knowA_5__TF

		Value	Count	Percent
Standard Attributes	Position	280		
	Label	A2: T/F--pre : This statement is:-The term "human enhancement" includes advancements like curing diseases.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.13		
	Standard Deviation	.334		

Labeled Values	1	True	83	40.5%
	2	False	12	5.9%

a2_knowA_6__TF

		Value	Count	Percent
Standard Attributes	Position	281		
	Label	A2: T/F--pre : This statement is:- Liposomes have been used to house and deliver drugs in a way that gets a higher proportion of the drug to the target and less to the rest of the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.20		
	Standard Deviation	.402		
Labeled Values	1	True	76	37.1%
	2	False	19	9.3%

a2_knowA_7__TF

		Value	Count	Percent
Standard Attributes	Position	282		
	Label	A2: T/F--pre : This statement is:-Because of their special properties, nanomedicines may be able to reach the brain more effectively than traditional medicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.06		
	Standard Deviation	.245		
Labeled Values	1	True	89	43.4%
	2	False	6	2.9%

a2_knowA_8__TF

		Value	Count	Percent
Standard Attributes	Position	283		

	Label	A2: T/F--pre : This statement is:-Research at the interface of nanotechnology and biology has been used for seemingly non-biological applications such as the creation of faster computer chips.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.18		
	Standard Deviation	.385		
Labeled Values	1	True	78	38.0%
	2	False	17	8.3%

a2_knowA_1_Conf

		Value	Count	Percent
Standard Attributes	Position	284		
	Label	A2: T/F--pre : I am _____ confident in my answer.- Nanotechnology is already being used to map the human genome.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	3.19		
	Standard Deviation	1.142		
Labeled Values	1	Not at all	9	4.4%
	2	A little bit	19	9.3%
	3	Moderately	20	9.8%
	4	Mostly	39	19.0%
	5	Completely	8	3.9%

a2_knowA_2_Conf

		Value	Count	Percent
Standard Attributes	Position	285		
	Label	A2: T/F--pre : I am _____ confident in my answer.- Breakthroughs in nanogenomics already allow very wealthy parents to manipulate the intelligence of their children.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	2.89		
	Standard Deviation	1.233		
Labeled Values	1	Not at all	13	6.3%
	2	A little bit	25	12.2%
	3	Moderately	29	14.1%
	4	Mostly	15	7.3%
	5	Completely	13	6.3%

a2_knowA_3_Conf

		Value	Count	Percent
Standard Attributes	Position	286		
	Label	A2: T/F--pre : I am confident in my answer.-A good example of a nano- sized object is a red blood cell.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	2.60		
	Standard Deviation	1.189		
Labeled Values	1	Not at all	20	9.8%
	2	A little bit	30	14.6%
	3	Moderately	16	7.8%
	4	Mostly	26	12.7%
	5	Completely	3	1.5%

a2_knowA_4_Conf

		Value	Count	Percent
Standard Attributes	Position	287		
	Label	A2: T/F--pre : I am confident in my answer.- Nanomaterials in the environment can enter the body and certain nanoparticles have already been shown to interfere with normal bodily processes.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	2.16		
	Standard Deviation	.960		
Labeled Values	1	Not at all	26	12.7%

	2	A little bit	37	18.0%
	3	Moderately	25	12.2%
	4	Mostly	5	2.4%
	5	Completely	2	1.0%

a2_knowA_5_Conf

		Value	Count	Percent
Standard Attributes	Position	288		
	Label	A2: T/F--pre : I am confident in my answer.-The term "human enhancement" includes advancements like curing diseases.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	2.98		
	Standard Deviation	1.158		
Labeled Values	1	Not at all	9	4.4%
	2	A little bit	28	13.7%
	3	Moderately	23	11.2%
	4	Mostly	26	12.7%
	5	Completely	9	4.4%

a2_knowA_6_Conf

		Value	Count	Percent
Standard Attributes	Position	289		
	Label	A2: T/F--pre : I am confident in my answer.- Liposomes have been used to house and deliver drugs in a way that gets a higher proportion of the drug to the target and less to the rest of the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	1.92		
	Standard Deviation	.953		
Labeled Values	1	Not at all	40	19.5%
	2	A little bit	30	14.6%
	3	Moderately	18	8.8%
	4	Mostly	7	3.4%
	5	Completely	0	0.0%

a2_knowA_7_Conf

		Value	Count	Percent
Standard Attributes	Position	290		
	Label	A2: T/F--pre : I am _____ confident in my answer.- Because of their special properties, nanomedicines may be able to reach the brain more effectively than traditional medicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	2.62		
	Standard Deviation	1.132		
Labeled Values	1	Not at all	15	7.3%
	2	A little bit	35	17.1%
	3	Moderately	21	10.2%
	4	Mostly	19	9.3%
	5	Completely	5	2.4%

a2_knowA_8_Conf

		Value	Count	Percent
Standard Attributes	Position	291		
	Label	A2: T/F--pre : I am _____ confident in my answer.- Research at the interface of nanotechnology and biology has been used for seemingly non-biological applications such as the creation of faster computer chips.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	2.39		
	Standard Deviation	1.094		
Labeled Values	1	Not at all	23	11.2%
	2	A little bit	31	15.1%
	3	Moderately	25	12.2%
	4	Mostly	13	6.3%
	5	Completely	3	1.5%

a2_knowb_1_TF

		Value	Count	Percent
Standard Attributes	Position	292		

	Label	A2: T/F--pre : This statement is:-Although they both deal with biological applications of nanotechnology, there is no overlap between nanogenomic and nanomedicine research.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.87		
	Standard Deviation	.338		
Labeled Values	1	True	13	6.3%
	2	False	87	42.4%

a2_knowb_2__TF

		Value	Count	Percent
Standard Attributes	Position	293		
	Label	A2: T/F--pre : This statement is:- Numerous nanotechnology products are already on the market; therefore, research and development in nanotechnology is already affecting economic systems.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.17		
	Standard Deviation	.378		
Labeled Values	1	True	83	40.5%
	2	False	17	8.3%

a2_knowb_3__TF

		Value	Count	Percent
Standard Attributes	Position	294		
	Label	A2: T/F--pre : This statement is:-The government currently uses nano-scale devices to monitor people.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.62		
	Standard Deviation	.488		
Labeled Values	1	True	38	18.5%
	2	False	62	30.2%

a2_knowb_4__TF

		Value	Count	Percent
Standard Attributes	Position	295		
	Label	A2: T/F--pre : This statement is:-The "second order effects" of nanotechnology can be accurately predicted from "first order effects."		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.43		
	Standard Deviation	.498		
Labeled Values	1	True	57	27.8%
	2	False	43	21.0%

a2_knowb_5__TF

		Value	Count	Percent
Standard Attributes	Position	296		
	Label	A2: T/F--pre : This statement is:-Most traditional pollutant filters are able to catch and stop nanoparticles.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.75		
	Standard Deviation	.435		
Labeled Values	1	True	25	12.2%
	2	False	75	36.6%

a2_knowb_6__TF

		Value	Count	Percent
Standard Attributes	Position	297		

	Label	A2: T/F--pre : This statement is:-One outcome already identified as possible with nanotechnology is innovative diabetes treatments that stimulate insulin production from outside the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.11		
	Standard Deviation	.314		
Labeled Values	1	True	89	43.4%
	2	False	11	5.4%

a2_knowb_7__TF

		Value	Count	Percent
Standard Attributes	Position	298		
	Label	A2: T/F--pre : This statement is:-Biologics (biological medications) may be able to benefit from nanotechnology because nanotechnology may allow for a delivery system that can make smaller doses of biologics possible.		
	Type	Numeric		
	Format	F8		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.11		
	Standard Deviation	.314		
Labeled Values	1	True	89	43.4%
	2	False	11	5.4%

a2_knowb_8__TF

		Value	Count	Percent
Standard Attributes	Position	299		
	Label	A2: T/F--pre : This statement is:- Nanotechnology has already been used to develop materials to improve products such as tennis rackets.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.25		
	Standard Deviation	.435		
Labeled Values	1	True	75	36.6%
	2	False	25	12.2%

a2_knowb_1_conf

		Value	Count	Percent
Standard Attributes	Position	300		
	Label	A2: T/F--pre : I am _____confident in my answer.- Although they both deal with biological applications of nanotechnology, there is no overlap between nanogenomic and nanomedicine research.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	2.47		
	Standard Deviation	1.185		
Labeled Values	1	Not at all	26	12.7%
	2	A little bit	28	13.7%
	3	Moderately	23	11.2%
	4	Mostly	19	9.3%
	5	Completely	4	2.0%

a2_knowb_2_conf

		Value	Count	Percent
Standard Attributes	Position	301		
	Label	A2: T/F--pre : I am _____confident in my answer.- Numerous nanotechnology products are already on the market; therefore, research and development in nanotechnology is already affecting economic systems.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		

Central Tendency and Dispersion	Mean	2.27		
	Standard Deviation	1.205		
Labeled Values	1	Not at all	34	16.6%
	2	A little bit	29	14.1%
	3	Moderately	17	8.3%
	4	Mostly	16	7.8%
	5	Completely	4	2.0%

a2_knowb_3_conf

		Value	Count	Percent
Standard Attributes	Position	302		
	Label	A2: T/F--pre : I am _____ confident in my answer.-The government currently uses nano-scale devices to monitor people.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	2.23		
	Standard Deviation	1.205		
Labeled Values	1	Not at all	38	18.5%
	2	A little bit	23	11.2%
	3	Moderately	20	9.8%
	4	Mostly	16	7.8%
	5	Completely	3	1.5%

a2_knowb_4_conf

		Value	Count	Percent
Standard Attributes	Position	303		
	Label	A2: T/F--pre : I am _____ confident in my answer.-The "second order effects" of nanotechnology can be accurately predicted from "first order effects."		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.92		
	Standard Deviation	1.051		
Labeled Values	1	Not at all	45	22.0%
	2	A little bit	30	14.6%
	3	Moderately	15	7.3%
	4	Mostly	8	3.9%
	5	Completely	2	1.0%

a2_knowb_5_conf

		Value	Count	Percent
Standard Attributes	Position	304		
	Label	A2: T/F--pre : I am _____ confident in my answer.-Most traditional pollutant filters are able to catch and stop nanoparticles.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	2.26		
	Standard Deviation	1.088		
Labeled Values	1	Not at all	30	14.6%
	2	A little bit	30	14.6%
	3	Moderately	27	13.2%
	4	Mostly	10	4.9%
	5	Completely	3	1.5%

a2_knowb_6_conf

		Value	Count	Percent
Standard Attributes	Position	305		
	Label	A2: T/F--pre : I am _____ confident in my answer.-One outcome already identified as possible with nanotechnology is innovative diabetes treatments that stimulate insulin production from outside the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	2.17		
	Standard Deviation	.965		
Labeled Values	1	Not at all	29	14.1%
	2	A little bit	34	16.6%
	3	Moderately	29	14.1%
	4	Mostly	7	3.4%
	5	Completely	1	0.5%

a2_knowb_7_conf

		Value	Count	Percent
Standard Attributes	Position	306		

	Label	A2: T/F--pre : I am _____ confident in my answer.- Biologics (biological medications) may be able to benefit from nanotechnology because nanotechnology may allow for a delivery system that can make smaller doses of biologics possible.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	2.39		
	Standard Deviation	1.171		
Labeled Values	1	Not at all	30	14.6%
	2	A little bit	24	11.7%
	3	Moderately	26	12.7%
	4	Mostly	17	8.3%
	5	Completely	3	1.5%

a2_knowb_8_conf

		Value	Count	Percent
Standard Attributes	Position	307		
	Label	A2: T/F--pre : I am _____ confident in my answer.- Nanotechnology has already been used to develop materials to improve products such as tennis rackets.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	2.24		
	Standard Deviation	1.288		
Labeled Values	1	Not at all	39	19.0%
	2	A little bit	25	12.2%
	3	Moderately	16	7.8%
	4	Mostly	13	6.3%
	5	Completely	7	3.4%

a2_time4_1

		Value
Standard Attributes	Position	308
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195

	Missing	10
Central Tendency and Dispersion	Mean	42.0365
	Standard Deviation	93.84485

a2_time4_2

		Value
Standard Attributes	Position	309
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	337.3649
	Standard Deviation	2352.90553

a2_time4_3

		Value
Standard Attributes	Position	310
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	292.3726
	Standard Deviation	2353.25497

a2_time4_4

		Value
Standard Attributes	Position	311
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	19.7077
	Standard Deviation	6.75275

a2_Q6

		Value
Standard Attributes	Position	312
	Label	One purpose of the New Biology assignments is to help students to begin thinking about the social...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time5_1

		Value
Standard Attributes	Position	313
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	369.7632
	Standard Deviation	4963.93513

a2_time5_2

		Value
Standard Attributes	Position	314
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1301.2910
	Standard Deviation	11724.90063

a2_time5_3

		Value
Standard Attributes	Position	315
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1079.8131
	Standard Deviation	7970.78372

a2_time5_4

		Value
Standard Attributes	Position	316
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2.2784
	Standard Deviation	5.36780

a2_Q7FB

		Value
Standard Attributes	Position	317
	Label	Get Ready to Explore!
		Because nanotechnology is a relatively new area and many people do not...
	Type	Numeric
	Format	F8
	Measurement	Scale

N	Valid	91
	Missing	114
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q7CT

Value		
Standard Attributes	Position	318
	Label	Put on your Thinking Cap! Because nanotechnology is a relatively new area and many people do no...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	104
	Missing	101
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time6_1

Value		
Standard Attributes	Position	319
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.3237
	Standard Deviation	6.71855

a2_time6_2

Value		
Standard Attributes	Position	320
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.6919
	Standard Deviation	8.30285

a2_time6_3

Value		
Standard Attributes	Position	321
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	22.5682
	Standard Deviation	39.27384

a2_time6_4

		Value
Standard Attributes	Position	322
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	.2667
	Standard Deviation	1.28860

a2_Q8

		Value
Standard Attributes	Position	323
	Label	Introduction: Working at the Nano-Scale Note: Throughout the document you will notice blue under...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q9

		Value
Standard Attributes	Position	324
	Label	Figure 1- Source: BPDNB (2010) Nanotechnology refers to a variety of scientific and technologi...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q10CT

		Value
Standard Attributes	Position	325
	Label	TIP for Critical Thinking: Detecting Bias To provide useful input on the future of nanotechnolo...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	103
	Missing	102
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time7_1

		Value
Standard Attributes	Position	326
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	631.9899
	Standard Deviation	3635.96306

a2_time7_2

		Value
Standard Attributes	Position	327
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2133.2077
	Standard Deviation	12853.21064

a2_time7_3

		Value
Standard Attributes	Position	328
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1298.4604
	Standard Deviation	4644.16050

a2_time7_4

		Value
Standard Attributes	Position	329
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	9.1649
	Standard Deviation	15.99882

a2_Q11

		Value
Standard Attributes	Position	330
	Label	New Biology: Biology Meets Technology Two technologies that exist at the interface of nanotechno...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11

Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q12CT

		Value
Standard Attributes	Position	331
	Label	TIP for Critical Thinking: Consider the Quantity and Quality of Evidence In the above text (and...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	103
	Missing	102
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time8_1

		Value
Standard Attributes	Position	332
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1519.3665
	Standard Deviation	10818.94775

a2_time8_2

		Value
Standard Attributes	Position	333
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2057.1051
	Standard Deviation	10919.66364

a2_time8_3

		Value
Standard Attributes	Position	334
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2128.8011
	Standard Deviation	10916.30757

a2_time8_4

		Value
Standard Attributes	Position	335
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	9.6546
	Standard Deviation	18.51366

a2_Q13

		Value
Standard Attributes	Position	336
	Label	(We hope so!) But regardless...wake up now...because that's it for the background on: What na...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time9_1

		Value
Standard Attributes	Position	337
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	41.3330
	Standard Deviation	213.94553

a2_time9_2

		Value
Standard Attributes	Position	338
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	50.2083
	Standard Deviation	225.99814

a2_time9_3

		Value
Standard Attributes	Position	339
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11

Central Tendency and Dispersion	Mean	63.9794
	Standard Deviation	226.40745

a2_time9_4

		Value
Standard Attributes	Position	340
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2.1598
	Standard Deviation	3.61778

a2_Q14

		Value
Standard Attributes	Position	341
	Label	Nano-biological Human Enhancement: Ethical, Legal and Social Issues (ELSI)
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q15_2tr

		Value
Standard Attributes	Position	342
	Label	ELSI: An Overview So far this background document has focused on describing current developments at...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	103
	Missing	102
Central Tendency and Dispersion	Mean	-99.00
	Standard Deviation	.000

a2_Q15_3tr

		Value
Standard Attributes	Position	343
	Label	a.rollover:link { color: blue; text-decoration: underline; font-size: 14px } a.rollover:active { co...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	103
	Missing	102
Central Tendency and Dispersion	Mean	-99.00

Standard Deviation	.000
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a2_Q15_4tr

		Value
Standard Attributes	Position	344
	Label	a.rollover:link { color: blue; text-decoration: underline; font-size: 14px } a.rollover:active { co...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	103
	Missing	102
Central Tendency and Dispersion	Mean	-99.00
	Standard Deviation	.000

a2_Q15_2NI

		Value
Standard Attributes	Position	345
	Label	Approaches Perspectives: An Overview So far this background document has focused on describing cu...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	91
	Missing	114
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q15_3NI

		Value
Standard Attributes	Position	346
	Label	Approach 2: Human Enhancement as "Unnecessary Risk" According to a second perspective, the risks...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	91
	Missing	114
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q16CT

		Value
Standard Attributes	Position	347
	Label	TIP for Critical Thinking: Consider the Bases of Arguments Next week you will take what you'v...
	Type	Numeric
	Format	F8
	Measurement	Scale

N	Valid	103
	Missing	102
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time10_1

		Value
Standard Attributes	Position	348
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	891.4878
	Standard Deviation	5185.98122

a2_time10_2

		Value
Standard Attributes	Position	349
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2748.6544
	Standard Deviation	8374.73124

a2_time10_3

		Value
Standard Attributes	Position	350
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2810.0879
	Standard Deviation	8352.68989

a2_time10_4

		Value
Standard Attributes	Position	351
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	19.0000
	Standard Deviation	24.79533

a2_Q17

		Value
Standard Attributes	Position	352
	Label	<none>

	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q18trad

		Value
Standard Attributes	Position	353
	Label	Conclusion We must form our opinions according to how we balance the benefits and risks of nanobi...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	103
	Missing	102
Central Tendency and Dispersion	Mean	-99.00
	Standard Deviation	.000

a2_Q18nif

		Value
Standard Attributes	Position	354
	Label	Conclusion Of course, many people probably fall between these two perspectives. Many people proba...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	91
	Missing	114
Central Tendency and Dispersion	Mean	-99.00
	Standard Deviation	.000

a2_time11_1

		Value
Standard Attributes	Position	355
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	482.2451
	Standard Deviation	2954.86510

a2_time11_2

		Value
Standard Attributes	Position	356
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194

	Missing	11
Central Tendency and Dispersion	Mean	1167.9147
	Standard Deviation	6022.06386

a2_time11_3

		Value
Standard Attributes	Position	357
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1300.7802
	Standard Deviation	6030.76366

a2_time11_4

		Value
Standard Attributes	Position	358
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	5.8918
	Standard Deviation	9.99863

a2_Q19

		Value
Standard Attributes	Position	359
	Label	Now that you have read the background information and had a chance to think about it and explore...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time12_1

		Value
Standard Attributes	Position	360
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	345.0133
	Standard Deviation	2707.24779

a2_time12_2

		Value
Standard Attributes	Position	361
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1450.9505
	Standard Deviation	5747.31800

a2_time12_3

		Value
Standard Attributes	Position	362
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1507.7831
	Standard Deviation	5707.90196

a2_time12_4

		Value
Standard Attributes	Position	363
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	9.7010
	Standard Deviation	12.96401

a2post_riskben

		Value	Count	Percent
Standard Attributes	Position	364		
	Label	A2post:do the risks outweigh benefits (low) or benefits outweigh risks (high)		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	4.69		
	Standard Deviation	1.502		
Labeled Values	1	The risks greatly outweigh the benefits	5	2.4%
	2	The risks somewhat outweigh the benefits	13	6.3%
	3	The risks slightly outweigh the benefits	26	12.7%
	4	The risks and benefits are equal	31	15.1%

	5	The benefits slightly outweigh the risks	57	27.8%
	6	The benefits somewhat outweigh the risks	42	20.5%
	7	The benefits greatly outweigh the risks	20	9.8%

a2_chgmnd_riskben

		Value	Count	Percent
Standard Attributes	Position	365		
	Label	A2: Change mind about risk/ben?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.44		
	Standard Deviation	.899		
Labeled Values	1	Not at all	32	15.6%
	2	Just a little	65	31.7%
	3	Some	77	37.6%
	4	Quite a bit	19	9.3%
	5	A great deal	1	0.5%

a2post_regslid

		Value
Standard Attributes	Position	366
	Label	A2post: amount of regulation low (none) to high (every aspect)
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	64.3711
	Standard Deviation	22.18753

a2_chgmnd_reg

		Value	Count	Percent
Standard Attributes	Position	367		
	Label	A2: Change mind about regulation?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.23		
	Standard Deviation	1.030		
Labeled Values	1	Not at all	57	27.8%

	2	Just a little	58	28.3%
	3	Some	61	29.8%
	4	Quite a bit	13	6.3%
	5	A great deal	5	2.4%

a2_time13_1

		Value
Standard Attributes	Position	368
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	145
	Missing	60
Central Tendency and Dispersion	Mean	40.1171
	Standard Deviation	192.99240

a2_time13_2

		Value
Standard Attributes	Position	369
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	145
	Missing	60
Central Tendency and Dispersion	Mean	139.1690
	Standard Deviation	919.30489

a2_time13_3

		Value
Standard Attributes	Position	370
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	145
	Missing	60
Central Tendency and Dispersion	Mean	63.9061
	Standard Deviation	197.08424

a2_time13_4

		Value
Standard Attributes	Position	371
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	145
	Missing	60
Central Tendency and Dispersion	Mean	5.6414
	Standard Deviation	2.02305

a2_Q20

		Value
Standard Attributes	Position	372

	Label	The following questions are to see how much you have learned as a result of reading the background m...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_know2

		Value	Count	Percent
Standard Attributes	Position	373		
	Label	A2: What is genetic engineering		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.23		
	Standard Deviation	.685		
Labeled Values	1	The changing of the structure of genetic material	170	82.9%
	2	The engineering of new organisms and life forms	10	4.9%
	3	The engineering of electronic devices using genetic materials	7	3.4%
	4	The method by which taxonomists edit transgenic traits	7	3.4%

a2_know2c

		Value	Count	Percent
Standard Attributes	Position	374		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.44		
	Standard Deviation	1.082		
Labeled Values	1	Not at all	7	3.4%
	2	A little bit	35	17.1%
	3	Moderately	50	24.4%
	4	Mostly	69	33.7%

	5	Completely	33	16.1%
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a2_know1

		Value	Count	Percent
Standard Attributes	Position	375		
	Label	A2: How many nanometers in 1m		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.42		
	Standard Deviation	.996		
Labeled Values	1	1,000,000,000,000 (One trillion)	3	1.5%
	2	1,000,000,000 (One billion)	153	74.6%
	3	1,000,000 (One million)	13	6.3%
	4	.000001 (One millionth)	3	1.5%
	5	10-9 (One billionth)	22	10.7%

a2_know1c

		Value	Count	Percent
Standard Attributes	Position	376		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.84		
	Standard Deviation	1.217		
Labeled Values	1	Not at all	9	4.4%
	2	A little bit	24	11.7%
	3	Moderately	35	17.1%
	4	Mostly	47	22.9%
	5	Completely	79	38.5%

a2_know4

		Value	Count	Percent
Standard Attributes	Position	377		
	Label	A2: Which of these is between 1 and 100 nm		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.29		
	Standard Deviation	1.541		
Labeled Values	1	DNA	106	51.7%
	2	The head of a pin	10	4.9%
	3	A human hair	11	5.4%
	4	DNA base-pairs	49	23.9%
	5	A hydrogen atom	18	8.8%

a2_know4c

		Value	Count	Percent
Standard Attributes	Position	378		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.01		
	Standard Deviation	1.189		
Labeled Values	1	Not at all	23	11.2%
	2	A little bit	45	22.0%
	3	Moderately	56	27.3%
	4	Mostly	48	23.4%
	5	Completely	22	10.7%

a2_know6

		Value	Count	Percent
Standard Attributes	Position	379		
	Label	A2: What are "second order effects" of technology?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.96		
	Standard Deviation	1.405		
Labeled Values	1	Social impacts, or changes in society that result indirectly from the new technology	59	28.8%

	2	Impacts of new technology on the offspring of the individual who was exposed to the technology	13	6.3%
	3	The increase in choices that are available as a result of new technologies	2	1.0%
	4	All of the above	116	56.6%
	5	None of the above	4	2.0%

a2_know6c

		Value	Count	Percent
Standard Attributes	Position	380		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.05		
	Standard Deviation	1.105		
Labeled Values	1	Not at all	18	8.8%
	2	A little bit	38	18.5%
	3	Moderately	75	36.6%
	4	Mostly	42	20.5%
	5	Completely	21	10.2%

a2_know7

		Value	Count	Percent
Standard Attributes	Position	381		
	Label	A2: Which of the following is not a known risk of nanotec...		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.77		
	Standard Deviation	.895		
Labeled Values	1	Nanomaterials have been shown to be active at the cellular level, which can cause inflammation and even tumors in the lungs.	27	13.2%

	2	The lungs of rats and mice have been damaged in experiments using nano-sized carbon nanotubes.	24	11.7%
	3	Nanomaterials have been shown to interact adversely with skin cells, which have already been shown to cause skin cancer in otherwise healthy humans.	110	53.7%
	4	Iron nanoparticles have been shown to be able to travel with groundwater into soil and remain active for weeks.	33	16.1%

a2_know7c

		Value	Count	Percent
Standard Attributes	Position	382		
	Label	Please indicate how confident you are in your answer to the above question:		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.84		
	Standard Deviation	1.255		
Labeled Values	1	Not at all	33	16.1%
	2	A little bit	51	24.9%
	3	Moderately	44	21.5%
	4	Mostly	46	22.4%
	5	Completely	20	9.8%

a2_time14_1

		Value
Standard Attributes	Position	383
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	14.7199
	Standard Deviation	18.74142

a2_time14_2

		Value
Standard Attributes	Position	384
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale

N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	131.0474
	Standard Deviation	242.83442

a2_time14_3

Standard Attributes	Value	
	Position	385
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	127.3454
	Standard Deviation	249.49974

a2_time14_4

Standard Attributes	Value	
	Position	386
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	13.4072
	Standard Deviation	3.88889

a2_knwApst_1__TF

Standard Attributes	Value		Count	Percent
	Position	387		
	Label	A2: T/F--post : This statement is:- Nanotechnology is already being used to map the human genome.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	1.04		
	Standard Deviation	.203		
Labeled Values	1	True	90	43.9%
	2	False	4	2.0%

a2_knwApst_2__TF

Standard Attributes	Value		Count	Percent
	Position	388		

	Label	A2: T/F--post : This statement is:- Breakthroughs in nanogenomics already allow very wealthy parents to manipulate the intelligence of their children.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	1.74		
	Standard Deviation	.438		
Labeled Values	1	True	24	11.7%
	2	False	70	34.1%

a2_knwApst_3__TF

		Value	Count	Percent
Standard Attributes	Position	389		
	Label	A2: T/F--post : This statement is:-A good example of a nano-sized object is a red blood cell.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	1.87		
	Standard Deviation	.335		
Labeled Values	1	True	12	5.9%
	2	False	82	40.0%

a2_knwApst_4__TF

		Value	Count	Percent
Standard Attributes	Position	390		
	Label	A2: T/F--post : This statement is:- Nanomaterials in the environment can enter the body and certain nanoparticles have already been shown to interfere with normal bodily processes.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		

Central Tendency and Dispersion	Mean	1.05		
	Standard Deviation	.226		
Labeled Values	1	True	89	43.4%
	2	False	5	2.4%

a2_knwApst_5__TF

		Value	Count	Percent
Standard Attributes	Position	391		
	Label	A2: T/F--post : This statement is:- The term "human enhancement" includes advancements like curing diseases.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	1.05		
	Standard Deviation	.226		
Labeled Values	1	True	89	43.4%
	2	False	5	2.4%

a2_knwApst_6__TF

		Value	Count	Percent
Standard Attributes	Position	392		
	Label	A2: T/F--post : This statement is:- Liposomes have been used to house and deliver drugs in a way that gets a higher proportion of the drug to the target and less to the rest of the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	1.03		
	Standard Deviation	.177		
Labeled Values	1	True	91	44.4%
	2	False	3	1.5%

a2_knwApst_7__TF

		Value	Count	Percent
Standard Attributes	Position	393		

	Label	A2: T/F--post : This statement is:-Because of their special properties, nanomedicines may be able to reach the brain more effectively than traditional medicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	1.03		
	Standard Deviation	.177		
Labeled Values	1	True	91	44.4%
	2	False	3	1.5%

a2_knwApst_8__TF

		Value	Count	Percent
Standard Attributes	Position	394		
	Label	A2: T/F--post : This statement is:-Research at the interface of nanotechnology and biology has been used for seemingly non-biological applications such as the creation of faster computer chips.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	1.20		
	Standard Deviation	.404		
Labeled Values	1	True	75	36.6%
	2	False	19	9.3%

a2_knwApst_1__conf

		Value	Count	Percent
Standard Attributes	Position	395		
	Label	A2: T/F--post : I am confident in my answer.- Nanotechnology is already being used to map the human genome.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		

	Missing	111		
Central Tendency and Dispersion	Mean	3.85		
	Standard Deviation	1.209		
Labeled Values	1	Not at all	6	2.9%
	2	A little bit	8	3.9%
	3	Moderately	16	7.8%
	4	Mostly	28	13.7%
	5	Completely	36	17.6%

a2_knwApst_2_conf

		Value	Count	Percent
Standard Attributes	Position	396		
	Label	A2: T/F--post : I am confident in my answer.- Breakthroughs in nanogenomics already allow very wealthy parents to manipulate the intelligence of their children.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	3.21		
	Standard Deviation	1.046		
Labeled Values	1	Not at all	5	2.4%
	2	A little bit	17	8.3%
	3	Moderately	36	17.6%
	4	Mostly	25	12.2%
	5	Completely	11	5.4%

a2_knwApst_3_conf

		Value	Count	Percent
Standard Attributes	Position	397		
	Label	A2: T/F--post : I am confident in my answer.-A good example of a nano- sized object is a red blood cell.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	4.19		
	Standard Deviation	1.100		
Labeled Values	1	Not at all	3	1.5%
	2	A little bit	7	3.4%
	3	Moderately	10	4.9%
	4	Mostly	23	11.2%
	5	Completely	51	24.9%

a2_knwApst_4_conf

		Value	Count	Percent
Standard Attributes	Position	398		
	Label	A2: T/F--post : I am confident in my answer.- Nanomaterials in the environment can enter the body and certain nanoparticles have already been shown to interfere with normal bodily processes.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	3.55		
	Standard Deviation	1.215		
Labeled Values	1	Not at all	5	2.4%
	2	A little bit	17	8.3%
	3	Moderately	18	8.8%
	4	Mostly	29	14.1%
	5	Completely	25	12.2%

a2_knwApst_5_conf

		Value	Count	Percent
Standard Attributes	Position	399		
	Label	A2: T/F--post : I am confident in my answer.-The term "human enhancement" includes advancements like curing diseases.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	3.90		
	Standard Deviation	1.117		
Labeled Values	1	Not at all	3	1.5%
	2	A little bit	10	4.9%
	3	Moderately	15	7.3%
	4	Mostly	31	15.1%
	5	Completely	35	17.1%

a2_knwApst_6_conf

		Value	Count	Percent
Standard Attributes	Position	400		

	Label	A2: T/F--post : I am _____confident in my answer.- Liposomes have been used to house and deliver drugs in a way that gets a higher proportion of the drug to the target and less to the rest of the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	3.96		
	Standard Deviation	1.191		
Labeled Values	1	Not at all	5	2.4%
	2	A little bit	8	3.9%
	3	Moderately	14	6.8%
	4	Mostly	26	12.7%
	5	Completely	41	20.0%

a2_knwApst_7_conf

		Value	Count	Percent
Standard Attributes	Position	401		
	Label	A2: T/F--post : I am _____confident in my answer.- Because of their special properties, nanomedicines may be able to reach the brain more effectively than traditional medicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	3.91		
	Standard Deviation	1.241		
Labeled Values	1	Not at all	7	3.4%
	2	A little bit	9	4.4%
	3	Moderately	7	3.4%
	4	Mostly	33	16.1%
	5	Completely	38	18.5%

a2_knwApst_8_conf

		Value	Count	Percent
Standard Attributes	Position	402		

	Label	A2: T/F--post : I am confident in my answer.- Research at the interface of nanotechnology and biology has been used for seemingly non-biological applications such as the creation of faster computer chips.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	94		
	Missing	111		
Central Tendency and Dispersion	Mean	3.20		
	Standard Deviation	1.197		
Labeled Values	1	Not at all	7	3.4%
	2	A little bit	21	10.2%
	3	Moderately	29	14.1%
	4	Mostly	20	9.8%
	5	Completely	17	8.3%

a2_knwBpst_1__TF

		Value	Count	Percent
Standard Attributes	Position	403		
	Label	A2: T/F--post : This statement is:-Although they both deal with biological applications of nanotechnology, there is no overlap between nanogenomic and nanomedicine research.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.84		
	Standard Deviation	.368		
Labeled Values	1	True	16	7.8%
	2	False	84	41.0%

a2_knwBpst_2__TF

		Value	Count	Percent
Standard Attributes	Position	404		

	Label	A2: T/F--post : This statement is:- Numerous nanotechnology products are already on the market; therefore, research and development in nanotechnology is already affecting economic systems.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.08		
	Standard Deviation	.273		
Labeled Values	1	True	92	44.9%
	2	False	8	3.9%

a2_knwBpst_3__TF

		Value	Count	Percent
Standard Attributes	Position	405		
	Label	A2: T/F--post : This statement is:-The government currently uses nano-scale devices to monitor people.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.61		
	Standard Deviation	.490		
Labeled Values	1	True	39	19.0%
	2	False	61	29.8%

a2_knwBpst_4__TF

		Value	Count	Percent
Standard Attributes	Position	406		
	Label	A2: T/F--post : This statement is:-The "second order effects" of nanotechnology can be accurately predicted from "first order effects."		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		

	Missing		105		
Central Tendency and Dispersion	Mean		1.65		
	Standard Deviation		.479		
Labeled Values	1	True		35	17.1%
	2	False		65	31.7%

a2_knwBpst_5__TF

		Value	Count	Percent
Standard Attributes	Position	407		
	Label	A2: T/F--post : This statement is:-Most traditional pollutant filters are able to catch and stop nanoparticles.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.77		
	Standard Deviation	.423		
Labeled Values	1	True	23	11.2%
	2	False	77	37.6%

a2_knwBpst_6__TF

		Value	Count	Percent
Standard Attributes	Position	408		
	Label	A2: T/F--post : This statement is:-One outcome already identified as possible with nanotechnology is innovative diabetes treatments that stimulate insulin production from outside the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.29		
	Standard Deviation	.456		
Labeled Values	1	True	71	34.6%
	2	False	29	14.1%

a2_knwBpst_7__TF

		Value	Count	Percent
Standard Attributes	Position	409		

	Label	A2: T/F--post : This statement is:-Biologics (biological medications) may be able to benefit from nanotechnology because nanotechnology may allow for a delivery system that can make smaller doses of biologics possible.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.05		
	Standard Deviation	.219		
Labeled Values	1	True	95	46.3%
	2	False	5	2.4%

a2_knwBpst_8__TF

		Value	Count	Percent
Standard Attributes	Position	410		
	Label	A2: T/F--post : This statement is:- Nanotechnology has already been used to develop materials to improve products such as tennis rackets.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	1.08		
	Standard Deviation	.273		
Labeled Values	1	True	92	44.9%
	2	False	8	3.9%

a2_knwBpst_1__conf

		Value	Count	Percent
Standard Attributes	Position	411		
	Label	A2: T/F--post : I am _____ confident in my answer.- Although they both deal with biological applications of nanotechnology, there is no overlap between nanogenomic and nanomedicine research.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.60		
	Standard Deviation	1.231		
Labeled Values	1	Not at all	3	1.5%
	2	A little bit	22	10.7%
	3	Moderately	19	9.3%
	4	Mostly	24	11.7%
	5	Completely	32	15.6%

a2_knwBpst_2_conf

		Value	Count	Percent
Standard Attributes	Position	412		
	Label	A2: T/F--post : I am _____ confident in my answer.- Numerous nanotechnology products are already on the market; therefore, research and development in nanotechnology is already affecting economic systems.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.23		
	Standard Deviation	1.246		
Labeled Values	1	Not at all	8	3.9%
	2	A little bit	24	11.7%
	3	Moderately	25	12.2%
	4	Mostly	23	11.2%
	5	Completely	20	9.8%

a2_knwBpst_3_conf

		Value	Count	Percent
Standard Attributes	Position	413		
	Label	A2: T/F--post : I am _____ confident in my answer.-The government currently uses nano-scale devices to monitor people.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
	Valid	100		
	Missing	105		

Central Tendency and Dispersion	Mean	2.83		
	Standard Deviation	1.120		
Labeled Values	1	Not at all	11	5.4%
	2	A little bit	30	14.6%
	3	Moderately	33	16.1%
	4	Mostly	17	8.3%
	5	Completely	9	4.4%

a2_knwBpst_4_conf

		Value	Count	Percent
Standard Attributes	Position	414		
	Label	A2: T/F--post : I am _____ confident in my answer.-The "second order effects" of nanotechnology can be accurately predicted from "first order effects."		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.05		
	Standard Deviation	1.114		
Labeled Values	1	Not at all	8	3.9%
	2	A little bit	23	11.2%
	3	Moderately	37	18.0%
	4	Mostly	20	9.8%
	5	Completely	12	5.9%

a2_knwBpst_5_conf

		Value	Count	Percent
Standard Attributes	Position	415		
	Label	A2: T/F--post : I am _____ confident in my answer.-Most traditional pollutant filters are able to catch and stop nanoparticles.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.19		
	Standard Deviation	1.316		
Labeled Values	1	Not at all	13	6.3%
	2	A little bit	20	9.8%
	3	Moderately	21	10.2%
	4	Mostly	27	13.2%
	5	Completely	19	9.3%

a2_knwBpst_6_conf

		Value	Count	Percent
Standard Attributes	Position	416		
	Label	A2: T/F--post : I am confident in my answer.-One outcome already identified as possible with nanotechnology is innovative diabetes treatments that stimulate insulin production from outside the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	2.93		
	Standard Deviation	1.166		
Labeled Values	1	Not at all	12	5.9%
	2	A little bit	25	12.2%
	3	Moderately	31	15.1%
	4	Mostly	22	10.7%
	5	Completely	10	4.9%

a2_knwBpst_7_conf

		Value	Count	Percent
Standard Attributes	Position	417		
	Label	A2: T/F--post : I am confident in my answer.-Biologics (biological medications) may be able to benefit from nanotechnology because nanotechnology may allow for a delivery system that can make smaller doses of biologics possible.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.58		
	Standard Deviation	1.241		
Labeled Values	1	Not at all	5	2.4%
	2	A little bit	18	8.8%
	3	Moderately	22	10.7%
	4	Mostly	24	11.7%
	5	Completely	31	15.1%

a2_knwBpst_8_conf

		Value	Count	Percent
Standard Attributes	Position	418		
	Label	A2: T/F--post : I am _____confident in my answer.- Nanotechnology has already been used to develop materials to improve products such as tennis rackets.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.93		
	Standard Deviation	1.312		
Labeled Values	1	Not at all	5	2.4%
	2	A little bit	15	7.3%
	3	Moderately	14	6.8%
	4	Mostly	14	6.8%
	5	Completely	52	25.4%

a2_time15_1

		Value
Standard Attributes	Position	419
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	66.5920
	Standard Deviation	510.11477

a2_time15_2

		Value
Standard Attributes	Position	420
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	185.6086
	Standard Deviation	877.66691

a2_time15_3

		Value
Standard Attributes	Position	421
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	107.3183

Standard Deviation	453.32990
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a2_time15_4

		Value
Standard Attributes	Position	422
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	18.7320
	Standard Deviation	3.45066

a2_Q21

		Value
Standard Attributes	Position	423
	Label	Assignment Evaluation These New Biology assignments are being developed with assistance from the U...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_engage_1

		Value	Count	Percent
Standard Attributes	Position	424		
	Label	A2: Engagement-Gave careful consideration to all of the options presented.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.70		
	Standard Deviation	.785		
Labeled Values	1	Not at all	1	0.5%
	2	Just a little	14	6.8%
	3	Some	50	24.4%
	4	Quite a bit	107	52.2%
	5	A great deal	22	10.7%

a2_engage_2

		Value	Count	Percent
Standard Attributes	Position	425		

	Label	A2: Engagement-Thought it was important it be thorough in my consideration of the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.60		
	Standard Deviation	.889		
Labeled Values	1	Not at all	3	1.5%
	2	Just a little	19	9.3%
	3	Some	55	26.8%
	4	Quite a bit	92	44.9%
	5	A great deal	25	12.2%

a2_engage_3

		Value	Count	Percent
Standard Attributes	Position	426		
	Label	A2: Engagement-Tried hard to understand perspectives that were different from mine.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.56		
	Standard Deviation	.933		
Labeled Values	1	Not at all	3	1.5%
	2	Just a little	22	10.7%
	3	Some	62	30.2%
	4	Quite a bit	78	38.0%
	5	A great deal	29	14.1%

a2_engage_5

		Value	Count	Percent
Standard Attributes	Position	427		
	Label	A2: Engagement-Felt open to hearing new ideas about the topics.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.87		
	Standard Deviation	.904		

Labeled Values	1	Not at all	2	1.0%
	2	Just a little	11	5.4%
	3	Some	48	23.4%
	4	Quite a bit	82	40.0%
	5	A great deal	51	24.9%

a2_engage_6

		Value	Count	Percent
Standard Attributes	Position	428		
	Label	A2: Engagement-Felt focused.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.08		
	Standard Deviation	1.007		
Labeled Values	1	Not at all	15	7.3%
	2	Just a little	33	16.1%
	3	Some	81	39.5%
	4	Quite a bit	52	25.4%
	5	A great deal	13	6.3%

a2_engage_7

		Value	Count	Percent
Standard Attributes	Position	429		
	Label	A2: Engagement-Carefully evaluated the relevance of various arguments.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.46		
	Standard Deviation	.950		
Labeled Values	1	Not at all	7	3.4%
	2	Just a little	24	11.7%
	3	Some	53	25.9%
	4	Quite a bit	92	44.9%
	5	A great deal	18	8.8%

a2_engage_8

		Value	Count	Percent
Standard Attributes	Position	430		
	Label	A2: Engagement-Felt open-minded.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.75		
	Standard Deviation	.876		
Labeled Values	1	Not at all	2	1.0%
	2	Just a little	13	6.3%
	3	Some	53	25.9%
	4	Quite a bit	89	43.4%
	5	A great deal	37	18.0%

a2_engage_9

		Value	Count	Percent
Standard Attributes	Position	431		
	Label	A2: Engagement-Tried to find answers to my questions about the topics.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.06		
	Standard Deviation	1.011		
Labeled Values	1	Not at all	15	7.3%
	2	Just a little	37	18.0%
	3	Some	74	36.1%
	4	Quite a bit	57	27.8%
	5	A great deal	11	5.4%

a2_engage_10

		Value	Count	Percent
Standard Attributes	Position	432		
	Label	A2: Engagement-Explored topics related to the issues in order to satisfy my own curiosity.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.73		
	Standard Deviation	1.130		
Labeled Values	1	Not at all	35	17.1%
	2	Just a little	43	21.0%
	3	Some	65	31.7%
	4	Quite a bit	42	20.5%
	5	A great deal	9	4.4%

a2_engage_11

		Value	Count	Percent
Standard Attributes	Position	433		
	Label	A2: Engagement- 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	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.82		
	Standard Deviation	.971		
Labeled Values	1	Not at all	21	10.2%
	2	Just a little	44	21.5%
	3	Some	81	39.5%
	4	Quite a bit	44	21.5%
	5	A great deal	4	2.0%

a2_engage_12

		Value	Count	Percent
Standard Attributes	Position	434		
	Label	A2: Engagement- Identified questions that I still had about the topics.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.72		
	Standard Deviation	1.047		
Labeled Values	1	Not at all	25	12.2%
	2	Just a little	59	28.8%
	3	Some	63	30.7%
	4	Quite a bit	40	19.5%
	5	A great deal	7	3.4%

a2_engage_14

		Value	Count	Percent
Standard Attributes	Position	435		
	Label	A2: Engagement- Thought about how the topics related to other things I know.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.27		
	Standard Deviation	1.038		
Labeled Values	1	Not at all	11	5.4%
	2	Just a little	36	17.6%
	3	Some	53	25.9%
	4	Quite a bit	78	38.0%
	5	A great deal	16	7.8%

a2_engage_15

		Value	Count	Percent
Standard Attributes	Position	436		
	Label	A2: Engagement- Discussed my ideas about the topics with others.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.60		
	Standard Deviation	.978		
Labeled Values	1	Not at all	128	62.4%
	2	Just a little	31	15.1%
	3	Some	24	11.7%
	4	Quite a bit	7	3.4%
	5	A great deal	4	2.0%

a2_engage_16

		Value	Count	Percent
Standard Attributes	Position	437		
	Label	A2: Engagement- Talked to others about the topics to get their opinions.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.60		
	Standard Deviation	.962		
Labeled Values	1	Not at all	128	62.4%
	2	Just a little	29	14.1%
	3	Some	27	13.2%
	4	Quite a bit	7	3.4%
	5	A great deal	3	1.5%

a2_engage_17

		Value	Count	Percent
Standard Attributes	Position	438		
	Label	A2: Engagement-Asked others what they thought about the topics and issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.48		
	Standard Deviation	.900		
Labeled Values	1	Not at all	140	68.3%
	2	Just a little	27	13.2%
	3	Some	18	8.8%
	4	Quite a bit	6	2.9%
	5	A great deal	3	1.5%

a2_engage_18

		Value	Count	Percent
Standard Attributes	Position	439		
	Label	A2: Engagement-Listened to what others thought about the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.13		
	Standard Deviation	1.260		
Labeled Values	1	Not at all	88	42.9%
	2	Just a little	36	17.6%
	3	Some	36	17.6%
	4	Quite a bit	24	11.7%
	5	A great deal	10	4.9%

a2_engage_20

		Value	Count	Percent
Standard Attributes	Position	440		
	Label	A2: Engagement-Used my imagination.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.14		

	Standard Deviation	1.068		
Labeled Values	1	Not at all	18	8.8%
	2	Just a little	30	14.6%
	3	Some	66	32.2%
	4	Quite a bit	66	32.2%
	5	A great deal	14	6.8%

a2_engage_21

		Value	Count	Percent
Standard Attributes	Position	441		
	Label	A2: Engagement-Felt inspired.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.81		
	Standard Deviation	1.159		
Labeled Values	1	Not at all	32	15.6%
	2	Just a little	42	20.5%
	3	Some	63	30.7%
	4	Quite a bit	44	21.5%
	5	A great deal	13	6.3%

a2_engage_22

		Value	Count	Percent
Standard Attributes	Position	442		
	Label	A2: Engagement-Worked to think of novel or inventive issues related to the topic.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.62		
	Standard Deviation	1.096		
Labeled Values	1	Not at all	36	17.6%
	2	Just a little	50	24.4%
	3	Some	69	33.7%
	4	Quite a bit	30	14.6%
	5	A great deal	9	4.4%

a2_engage_23

		Value	Count	Percent
Standard Attributes	Position	443		
	Label	A2: Engagement-Tried to be innovative in my ideas.		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.05		
	Standard Deviation	1.126		
Labeled Values	1	Not at all	22	10.7%
	2	Just a little	36	17.6%
	3	Some	63	30.7%
	4	Quite a bit	57	27.8%
	5	A great deal	16	7.8%

a2_engage_24

		Value	Count	Percent
Standard Attributes	Position	444		
	Label	A2: Engagement-Was impatient to get this over.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.92		
	Standard Deviation	1.158		
Labeled Values	1	Not at all	13	6.3%
	2	Just a little	72	35.1%
	3	Some	54	26.3%
	4	Quite a bit	28	13.7%
	5	A great deal	27	13.2%

a2_engage_25

		Value	Count	Percent
Standard Attributes	Position	445		
	Label	A2: Engagement-Wished I were doing something else.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.01		
	Standard Deviation	1.158		
Labeled Values	1	Not at all	8	3.9%
	2	Just a little	78	38.0%
	3	Some	40	19.5%
	4	Quite a bit	41	20.0%
	5	A great deal	27	13.2%

a2_engage_26

		Value	Count	Percent
Standard Attributes	Position	446		
	Label	A2: Engagement-Felt bored.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.57		
	Standard Deviation	1.109		
Labeled Values	1	Not at all	28	13.7%
	2	Just a little	81	39.5%
	3	Some	44	21.5%
	4	Quite a bit	28	13.7%
	5	A great deal	13	6.3%

a2_engage_27

		Value	Count	Percent
Standard Attributes	Position	447		
	Label	A2: Engagement-Felt distracted.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.54		
	Standard Deviation	1.116		
Labeled Values	1	Not at all	33	16.1%
	2	Just a little	75	36.6%
	3	Some	47	22.9%
	4	Quite a bit	27	13.2%
	5	A great deal	12	5.9%

a2_engage_28

		Value	Count	Percent
Standard Attributes	Position	448		
	Label	A2: Engagement-Was uninterested in the task I was asked to do.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.30		

	Standard Deviation	1.163		
Labeled Values	1	Not at all	53	25.9%
	2	Just a little	73	35.6%
	3	Some	37	18.0%
	4	Quite a bit	18	8.8%
	5	A great deal	13	6.3%

a2_engage_29

		Value	Count	Percent
Standard Attributes	Position	449		
	Label	A2: Engagement- Thought this process was not worth my time.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.05		
	Standard Deviation	1.093		
Labeled Values	1	Not at all	74	36.1%
	2	Just a little	64	31.2%
	3	Some	39	19.0%
	4	Quite a bit	7	3.4%
	5	A great deal	10	4.9%

a2_engage_32

		Value	Count	Percent
Standard Attributes	Position	450		
	Label	A2: Engagement-Felt angry.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.47		
	Standard Deviation	.911		
Labeled Values	1	Not at all	137	66.8%
	2	Just a little	39	19.0%
	3	Some	8	3.9%
	4	Quite a bit	4	2.0%
	5	A great deal	6	2.9%

a2_engage_33

		Value	Count	Percent
Standard Attributes	Position	451		
	Label	A2: Engagement- Found it aggravating.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.80		
	Standard Deviation	1.104		
Labeled Values	1	Not at all	104	50.7%
	2	Just a little	52	25.4%
	3	Some	21	10.2%
	4	Quite a bit	7	3.4%
	5	A great deal	10	4.9%

a2_engage_34

		Value	Count	Percent
Standard Attributes	Position	452		
	Label	A2: Engagement-Was resentful.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.44		
	Standard Deviation	.863		
Labeled Values	1	Not at all	140	68.3%
	2	Just a little	35	17.1%
	3	Some	9	4.4%
	4	Quite a bit	7	3.4%
	5	A great deal	3	1.5%

a2_engage_35

		Value	Count	Percent
Standard Attributes	Position	453		
	Label	A2: Engagement-Felt frustrated.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.72		
	Standard Deviation	1.000		
Labeled Values	1	Not at all	108	52.7%
	2	Just a little	51	24.9%
	3	Some	20	9.8%
	4	Quite a bit	11	5.4%
	5	A great deal	4	2.0%

a2_engage_36

		Value	Count	Percent
Standard Attributes	Position	454		
	Label	A2: Engagement-Became irritated.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.74		
	Standard Deviation	1.026		
Labeled Values	1	Not at all	105	51.2%
	2	Just a little	55	26.8%
	3	Some	20	9.8%
	4	Quite a bit	7	3.4%
	5	A great deal	7	3.4%

a2_engage_37

		Value	Count	Percent
Standard Attributes	Position	455		
	Label	A2: Engagement-Felt like my mind was already made up.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.29		
	Standard Deviation	1.174		
Labeled Values	1	Not at all	60	29.3%
	2	Just a little	59	28.8%
	3	Some	46	22.4%
	4	Quite a bit	17	8.3%
	5	A great deal	12	5.9%

a2_engage_38

		Value	Count	Percent
Standard Attributes	Position	456		
	Label	A2: Engagement-Knew how I would feel about the topic even before doing the task.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.16		
	Standard Deviation	1.143		

Labeled Values	1	Not at all	66	32.2%
	2	Just a little	68	33.2%
	3	Some	33	16.1%
	4	Quite a bit	17	8.3%
	5	A great deal	10	4.9%

a2_engage_40

		Value	Count	Percent
Standard Attributes	Position	457		
	Label	A2: Engagement-Felt like new information would not change my opinions.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	1.95		
	Standard Deviation	1.162		
Labeled Values	1	Not at all	92	44.9%
	2	Just a little	51	24.9%
	3	Some	30	14.6%
	4	Quite a bit	10	4.9%
	5	A great deal	11	5.4%

a2_time16_1

		Value
Standard Attributes	Position	458
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	77.5720
	Standard Deviation	874.83642

a2_time16_2

		Value
Standard Attributes	Position	459
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	215.3383
	Standard Deviation	885.22906

a2_time16_3

		Value
Standard Attributes	Position	460
	Label	Timing-Page Submit
	Type	Numeric

	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	207.3104
	Standard Deviation	886.63212

a2_time16_4

		Value
Standard Attributes	Position	461
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	38.6753
	Standard Deviation	6.01748

a2_asseval_1

		Value	Count	Percent
Standard Attributes	Position	462		
	Label	A2: Assignment eval- Understand nanotechnology		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.43		
	Standard Deviation	.921		
Labeled Values	1	Not at all	5	2.4%
	2	Just a little	21	10.2%
	3	Some	75	36.6%
	4	Quite a bit	71	34.6%
	5	A great deal	22	10.7%

a2_asseval_2

		Value	Count	Percent
Standard Attributes	Position	463		
	Label	A2: Assignment eval- Learn about nanotechnology		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.78		
	Standard Deviation	.926		
Labeled Values	1	Not at all	2	1.0%
	2	Just a little	15	7.3%

	3	Some	52	25.4%
	4	Quite a bit	80	39.0%
	5	A great deal	45	22.0%

a2_asseval_5

		Value	Count	Percent
Standard Attributes	Position	464		
	Label	A2: Assignment eval- More clearly articulate my own perspective		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.27		
	Standard Deviation	.967		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	26	12.7%
	3	Some	74	36.1%
	4	Quite a bit	69	33.7%
	5	A great deal	15	7.3%

a2_asseval_9

		Value	Count	Percent
Standard Attributes	Position	465		
	Label	A2: Assignment eval- Compare the positives and negatives related to nanogenomics		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.61		
	Standard Deviation	.934		
Labeled Values	1	Not at all	4	2.0%
	2	Just a little	18	8.8%
	3	Some	59	28.8%
	4	Quite a bit	82	40.0%
	5	A great deal	31	15.1%

a2_asseval_10

		Value	Count	Percent
Standard Attributes	Position	466		
	Label	A2: Assignment eval- See the issues from multiple perspectives		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.41		
	Standard Deviation	.902		
Labeled Values	1	Not at all	4	2.0%
	2	Just a little	25	12.2%
	3	Some	70	34.1%
	4	Quite a bit	77	37.6%
	5	A great deal	18	8.8%

a2_asseval_13

		Value	Count	Percent
Standard Attributes	Position	467		
	Label	A2: Assignment eval- Formulate my arguments better		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.13		
	Standard Deviation	1.033		
Labeled Values	1	Not at all	13	6.3%
	2	Just a little	36	17.6%
	3	Some	75	36.6%
	4	Quite a bit	53	25.9%
	5	A great deal	17	8.3%

a2_asseval_12

		Value	Count	Percent
Standard Attributes	Position	468		
	Label	A2: Assignment eval- Think critically about evidence		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.25		
	Standard Deviation	.983		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	33	16.1%
	3	Some	61	29.8%
	4	Quite a bit	78	38.0%
	5	A great deal	12	5.9%

a2_asseval_14

		Value	Count	Percent
Standard Attributes	Position	469		
	Label	A2: Assignment eval- Better understand what it means to think critically		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.94		
	Standard Deviation	1.071		
Labeled Values	1	Not at all	23	11.2%
	2	Just a little	36	17.6%
	3	Some	77	37.6%
	4	Quite a bit	46	22.4%
	5	A great deal	12	5.9%

a2_asseval_15

		Value	Count	Percent
Standard Attributes	Position	470		
	Label	A2: Assignment eval- Motivate me to look at the evidence for different claims, rather than just accepting the claims		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.06		
	Standard Deviation	1.118		
Labeled Values	1	Not at all	18	8.8%
	2	Just a little	41	20.0%
	3	Some	66	32.2%
	4	Quite a bit	49	23.9%
	5	A great deal	20	9.8%

a2_bkgdevl_1

		Value	Count	Percent
Standard Attributes	Position	471		
	Label	A2: Background eval- Trustworthy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		

Central Tendency and Dispersion	Mean	3.69		
	Standard Deviation	.633		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	5	2.4%
	3	Neither Agree nor Disagree	63	30.7%
	4	Agree	113	55.1%
	5	Strongly Agree	13	6.3%

a2_bkgdevl_2

		Value	Count	Percent
Standard Attributes	Position	472		
	Label	A2: Background eval-Untrustworthy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.15		
	Standard Deviation	.797		
Labeled Values	1	Strongly Disagree	34	16.6%
	2	Disagree	109	53.2%
	3	Neither Agree nor Disagree	42	20.5%
	4	Agree	6	2.9%
	5	Strongly Agree	3	1.5%

a2_bkgdevl_3

		Value	Count	Percent
Standard Attributes	Position	473		
	Label	A2: Background eval-A biased portrayal of the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.57		
	Standard Deviation	.857		
Labeled Values	1	Strongly Disagree	16	7.8%
	2	Disagree	82	40.0%
	3	Neither Agree nor Disagree	67	32.7%
	4	Agree	28	13.7%
	5	Strongly Agree	1	0.5%

a2_bkgdevl_4

		Value	Count	Percent
Standard Attributes	Position	474		

	Label	A2: Background eval-A neutral portaryal of the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.43		
	Standard Deviation	.793		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	27	13.2%
	3	Neither Agree nor Disagree	61	29.8%
	4	Agree	98	47.8%
	5	Strongly Agree	7	3.4%

a2_bkgdevl_5

		Value	Count	Percent
Standard Attributes	Position	475		
	Label	A2: Background eval-Not always fair in its presentation of the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.68		
	Standard Deviation	.859		
Labeled Values	1	Strongly Disagree	5	2.4%
	2	Disagree	94	45.9%
	3	Neither Agree nor Disagree	58	28.3%
	4	Agree	33	16.1%
	5	Strongly Agree	4	2.0%

a2_bkgdevl_6

		Value	Count	Percent
Standard Attributes	Position	476		
	Label	A2: Background eval-Fair in its presentation of the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.61		
	Standard Deviation	.762		
Labeled Values	1	Strongly Disagree	1	0.5%

	2	Disagree	18	8.8%
	3	Neither Agree nor Disagree	48	23.4%
	4	Agree	115	56.1%
	5	Strongly Agree	12	5.9%

a2_bkgdevl_7

		Value	Count	Percent
Standard Attributes	Position	477		
	Label	A2: Background eval-Balanced.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.63		
	Standard Deviation	.716		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	16	7.8%
	3	Neither Agree nor Disagree	44	21.5%
	4	Agree	125	61.0%
	5	Strongly Agree	8	3.9%

a2_bkgdevl_8

		Value	Count	Percent
Standard Attributes	Position	478		
	Label	A2: Background eval-Unbalanced.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.44		
	Standard Deviation	.774		
Labeled Values	1	Strongly Disagree	12	5.9%
	2	Disagree	106	51.7%
	3	Neither Agree nor Disagree	56	27.3%
	4	Agree	19	9.3%
	5	Strongly Agree	1	0.5%

a2_bkgdevl_9

		Value	Count	Percent
Standard Attributes	Position	479		
	Label	A2: Background eval-Written to try to persuade people of a certain viewpoint.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.81		
	Standard Deviation	.960		
Labeled Values	1	Strongly Disagree	13	6.3%
	2	Disagree	68	33.2%
	3	Neither Agree nor Disagree	60	29.3%
	4	Agree	49	23.9%
	5	Strongly Agree	4	2.0%

a2_bkgdevl_10

		Value	Count	Percent
Standard Attributes	Position	480		
	Label	A2: Background eval- Written to allow people to make up their own minds on the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.58		
	Standard Deviation	.725		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	16	7.8%
	3	Neither Agree nor Disagree	61	29.8%
	4	Agree	106	51.7%
	5	Strongly Agree	11	5.4%

a2_bkgdevl_14

		Value	Count	Percent
Standard Attributes	Position	481		
	Label	A2: Background eval- Inaccurate.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.07		
	Standard Deviation	.656		
Labeled Values	1	Strongly Disagree	33	16.1%
	2	Disagree	116	56.6%
	3	Neither Agree nor Disagree	43	21.0%
	4	Agree	2	1.0%
	5	Strongly Agree	0	0.0%

a2_bkgdevl_15

		Value	Count	Percent
Standard Attributes	Position	482		
	Label	A2: Background eval- Not always accurate in its characterization of the facts.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.51		
	Standard Deviation	.770		
Labeled Values	1	Strongly Disagree	11	5.4%
	2	Disagree	92	44.9%
	3	Neither Agree nor Disagree	75	36.6%
	4	Agree	13	6.3%
	5	Strongly Agree	3	1.5%

a2_bkgdevl_16

		Value	Count	Percent
Standard Attributes	Position	483		
	Label	A2: Background eval- Pretty accurate in its characterization of the facts.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.63		
	Standard Deviation	.649		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	7	3.4%
	3	Neither Agree nor Disagree	63	30.7%
	4	Agree	115	56.1%
	5	Strongly Agree	8	3.9%

a2_bkgdevl_17

		Value	Count	Percent
Standard Attributes	Position	484		
	Label	A2: Background eval- Thorough.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.64		
	Standard Deviation	.797		
Labeled Values	1	Strongly Disagree	3	1.5%
	2	Disagree	15	7.3%
	3	Neither Agree nor Disagree	45	22.0%
	4	Agree	116	56.6%
	5	Strongly Agree	15	7.3%

a2_bkgdevl_18

		Value	Count	Percent
Standard Attributes	Position	485		
	Label	A2: Background eval-Not thorough enough.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.52		
	Standard Deviation	.871		
Labeled Values	1	Strongly Disagree	14	6.8%
	2	Disagree	100	48.8%
	3	Neither Agree nor Disagree	47	22.9%
	4	Agree	32	15.6%
	5	Strongly Agree	1	0.5%

a2_bkgdevl_19

		Value	Count	Percent
Standard Attributes	Position	486		
	Label	A2: Background eval-A good resource for understanding multiple perspectives on the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.64		
	Standard Deviation	.763		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	18	8.8%
	3	Neither Agree nor Disagree	49	23.9%
	4	Agree	111	54.1%
	5	Strongly Agree	16	7.8%

a2_bkgdevl_20

		Value	Count	Percent
Standard Attributes	Position	487		
	Label	A2: Background eval- Not very good for understanding multiple perspectives on the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.38		
	Standard Deviation	.794		
Labeled Values	1	Strongly Disagree	14	6.8%
	2	Disagree	117	57.1%
	3	Neither Agree nor Disagree	39	19.0%
	4	Agree	24	11.7%
	5	Strongly Agree	0	0.0%

a2_bkgdevl_21

		Value	Count	Percent
Standard Attributes	Position	488		
	Label	A2: Background eval-A high quality source of information.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.67		
	Standard Deviation	.723		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	9	4.4%
	3	Neither Agree nor Disagree	60	29.3%
	4	Agree	107	52.2%
	5	Strongly Agree	17	8.3%

a2_bkgdevl_23

		Value	Count	Percent
Standard Attributes	Position	489		
	Label	A2: Background eval- Clear and easy to understand.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.74		
	Standard Deviation	.726		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	14	6.8%
	3	Neither Agree nor Disagree	41	20.0%
	4	Agree	121	59.0%
	5	Strongly Agree	18	8.8%

a2_bkgdevl_24

		Value	Count	Percent
Standard Attributes	Position	490		
	Label	A2: Background eval-Unclear and difficult to understand.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.20		
	Standard Deviation	.779		
Labeled Values	1	Strongly Disagree	27	13.2%
	2	Disagree	116	56.6%
	3	Neither Agree nor Disagree	37	18.0%
	4	Agree	13	6.3%
	5	Strongly Agree	1	0.5%

a2_bkgdevl_25

		Value	Count	Percent
Standard Attributes	Position	491		
	Label	A2: Background eval-Well-written.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.72		
	Standard Deviation	.710		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	11	5.4%
	3	Neither Agree nor Disagree	45	22.0%
	4	Agree	122	59.5%
	5	Strongly Agree	15	7.3%

a2_time17_1

		Value
Standard Attributes	Position	492
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	14.8716
	Standard Deviation	29.75693

a2_time17_2

		Value
Standard Attributes	Position	493
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	335.7171
	Standard Deviation	2826.43465

a2_time17_3

		Value
Standard Attributes	Position	494
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	121.2559
	Standard Deviation	91.09960

a2_time17_4

		Value
Standard Attributes	Position	495
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	34.1907
	Standard Deviation	4.71243

a2_prepare

		Value	Count	Percent
Standard Attributes	Position	496		
	Label	A2: Assignment useful?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		

	Missing	11		
Central Tendency and Dispersion	Mean	3.54		
	Standard Deviation	.809		
Labeled Values	1	Not at all	3	1.5%
	2	Slightly	15	7.3%
	3	Somewhat	66	32.2%
	4	Quite	95	46.3%
	5	Extremely	15	7.3%

a2_learn

		Value	Count	Percent
Standard Attributes	Position	497		
	Label	A2: How much did you learn?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.44		
	Standard Deviation	.832		
Labeled Values	1	Nothing I didn't know before	3	1.5%
	2	Just a little	19	9.3%
	3	Some	77	37.6%
	4	Quite a bit	80	39.0%
	5	A great deal	15	7.3%

a2_fnanops

		Value	Count	Percent
Standard Attributes	Position	498		
	Label	A2: Amount of nanotech familiarity--post backgrounder		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.96		
	Standard Deviation	.609		
Labeled Values	1	Not at all familiar	3	1.5%
	2	Slightly familiar	31	15.1%
	3	Somewhat familiar	131	63.9%
	4	Very familiar	29	14.1%
	5	Extremely familiar	0	0.0%

a2_fmdepst

		Value	Count	Percent
Standard Attributes	Position	499		

	Label	A2: Amount of nanotech-medical familiarity--postbackgroundunder		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	3.08		
	Standard Deviation	.705		
Labeled Values	1	Not at all familiar	2	1.0%
	2	Slightly familiar	32	15.6%
	3	Somewhat familiar	112	54.6%
	4	Very familiar	45	22.0%
	5	Extremely familiar	3	1.5%

a2_fgenpst

		Value	Count	Percent
Standard Attributes	Position	500		
	Label	A2: Amount of nanotech-genetic familiarity--postbackgroundunder		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		
	Missing	11		
Central Tendency and Dispersion	Mean	2.97		
	Standard Deviation	.671		
Labeled Values	1	Not at all familiar	2	1.0%
	2	Slightly familiar	39	19.0%
	3	Somewhat familiar	116	56.6%
	4	Very familiar	36	17.6%
	5	Extremely familiar	1	0.5%

a2_time18_1

		Value
Standard Attributes	Position	501
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	13.4932
	Standard Deviation	21.10354

a2_time18_2

		Value
Standard Attributes	Position	502
	Label	Timing-Last Click
	Type	Numeric

	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	35.2369
	Standard Deviation	43.02773

a2_time18_3

		Value
Standard Attributes	Position	503
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	36.5995
	Standard Deviation	43.27927

a2_time18_4

		Value
Standard Attributes	Position	504
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	6.3144
	Standard Deviation	2.18072

a2_Q22

		Value
Standard Attributes	Position	505
	Label	Finally, answer the following question. The reason for the question below is to ensure the accurate...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_honest

		Value	Count	Percent
Standard Attributes	Position	506		
	Label	A2: Honesty of assignment evaluation		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	194		

	Missing	11		
Central Tendency and Dispersion	Mean	1.11		
	Standard Deviation	.517		
Labeled Values	1	Yes, my answers reflect my honest evaluation of the assignment	184	89.8%
	2	No, I answered the questions randomly	2	1.0%
	3	No, I felt like I should answer in a certain way, so I gave those answers instead of my honest responses	4	2.0%
	4	Other (Please explain)	4	2.0%

a2_time19_1

		Value
Standard Attributes	Position	507
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	11.9277
	Standard Deviation	22.05838

a2_time19_2

		Value
Standard Attributes	Position	508
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	27.2147
	Standard Deviation	62.71267

a2_time19_3

		Value
Standard Attributes	Position	509
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	43.0744
	Standard Deviation	78.49852

a2_time19_4

		Value
Standard Attributes	Position	510
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale

N	Valid	194
	Missing	11
Central Tendency and Dispersion	Mean	2.6134
	Standard Deviation	5.28465

a2_Q23

Value		
Standard Attributes	Position	511
	Label	Please Print Your Answers Now You will need to hand them in at your next recitation. This is a reco...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	185
	Missing	20
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_Q24

Value		
Standard Attributes	Position	512
	Label	Be sure to click Next below to make certain your assignment is submitted. This will also trigger...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	185
	Missing	20
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a2_time20_1

Value		
Standard Attributes	Position	513
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	185
	Missing	20
Central Tendency and Dispersion	Mean	555.3297
	Standard Deviation	5844.37558

a2_time20_2

Value		
Standard Attributes	Position	514
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	185
	Missing	20
Central Tendency and Dispersion	Mean	947.8703

Standard Deviation	6570.12207
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a2_time20_3

		Value
Standard Attributes	Position	515
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	185
	Missing	20
Central Tendency and Dispersion	Mean	1806.2917
	Standard Deviation	10394.73674

a2_time20_4

		Value
Standard Attributes	Position	516
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	185
	Missing	20
Central Tendency and Dispersion	Mean	2.2703
	Standard Deviation	2.27520

a3_Q1

		Value
Standard Attributes	Position	517
	Label	ELSI Questions in Nano-biological Technology
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_Q2

		Value
Standard Attributes	Position	518
	Label	Overall Course Instructor/Professor = Dr. T. Jack Morris Rec# #, Time, Day, Instructor: 15...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_t1_1

	Value
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Standard Attributes	Position	519
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	19.0432
	Standard Deviation	62.11732

a3_t1_2

Value		
Standard Attributes	Position	520
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	41.6861
	Standard Deviation	66.35615

a3_t1_3

Value		
Standard Attributes	Position	521
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	61.7929
	Standard Deviation	69.23383

a3_t1_4

Value		
Standard Attributes	Position	522
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	3.5838
	Standard Deviation	2.44935

a3_CT_cond

Value			Count	Percent
Standard Attributes	Position	523		
	Label	based on individual A3 data		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	Feedback	90	43.9%
	1.00	CT	107	52.2%
Missing Values	System		8	3.9%

a3_Group_cond

		Value	Count	Percent
Standard Attributes	Position	524		
	Label	based on individual A3 data		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	Alone	99	48.3%
	1.00	Group	98	47.8%
Missing Values	System		8	3.9%

a3_Q3

		Value
Standard Attributes	Position	525
	Label	Instructions The following are FICTIONAL potential FUTURE scenarios. Today, you will be readin...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_prsnrww

		Value	Count	Percent
Standard Attributes	Position	526		
	Label	A3: Barless Prisons extent of review/exploration of info		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	197		
	Missing	8		
Central Tendency and Dispersion	Mean	1.89		
	Standard Deviation	1.004		
Labeled Values	1	Not at all	92	44.9%
	2	Slightly	50	24.4%
	3	Somewhat	44	21.5%
	4	Quite a bit	7	3.4%
	5	A great deal	4	2.0%

a3_prsninf

	Value	Count	Percent
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Standard Attributes	Position	527		
	Label	A3: Barless Prison reci review helpful		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	197		
	Missing	8		
Central Tendency and Dispersion	Mean	2.57		
	Standard Deviation	.991		
Labeled Values	1	Not helpful at all	29	14.1%
	2	Slightly helpful	66	32.2%
	3	Somewhat helpful	67	32.7%
	4	Very helpful	31	15.1%
	5	Extremely helpful	4	2.0%

a3_prsnbgh

		Value	Count	Percent
Standard Attributes	Position	528		
	Label	A3: Barless Prisons backgrounder helpful		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	197		
	Missing	8		
Central Tendency and Dispersion	Mean	2.80		
	Standard Deviation	.873		
Labeled Values	1	Not helpful at all	13	6.3%
	2	Slightly helpful	57	27.8%
	3	Somewhat helpful	85	41.5%
	4	Quite helpful	40	19.5%
	5	Extremely helpful	2	1.0%

a3_t2_1

		Value
Standard Attributes	Position	529
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	259.0553
	Standard Deviation	189.50683

a3_t2_2

		Value
Standard Attributes	Position	530
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale

N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	830.8397
	Standard Deviation	277.77795

a3_t2_3

Value		
Standard Attributes	Position	531
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	792.0994
	Standard Deviation	325.93341

a3_t2_4

Value		
Standard Attributes	Position	532
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	14.5635
	Standard Deviation	13.35857

a3_cysfrw

Value			Count	Percent
Standard Attributes	Position	533		
	Label	A3: Cystic Fibrosis extent of review/exploration of info		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	188		
	Missing	17		
Central Tendency and Dispersion	Mean	1.94		
	Standard Deviation	1.056		
Labeled Values	1	Not at all	88	42.9%
	2	Slightly	41	20.0%
	3	Somewhat	45	22.0%
	4	Quite a bit	10	4.9%
	5	A great deal	4	2.0%

a3_cysfinf

Value			Count	Percent
Standard Attributes	Position	534		
	Label	A3: Cystic Fibrosis reci review helpful		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	188		
	Missing	17		
Central Tendency and Dispersion	Mean	2.61		
	Standard Deviation	.994		
Labeled Values	1	Not helpful at all	27	13.2%
	2	Slightly helpful	57	27.8%
	3	Somewhat helpful	71	34.6%
	4	Very helpful	28	13.7%
	5	Extremely helpful	5	2.4%

a3_cysfbgh

		Value	Count	Percent
Standard Attributes	Position	535		
	Label	A3: Cystic Fibrosis backgrounder helpful		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	188		
	Missing	17		
Central Tendency and Dispersion	Mean	2.79		
	Standard Deviation	.958		
Labeled Values	1	Not helpful at all	20	9.8%
	2	Slightly helpful	47	22.9%
	3	Somewhat helpful	77	37.6%
	4	Quite helpful	41	20.0%
	5	Extremely helpful	3	1.5%

a3_t3_1

		Value
Standard Attributes	Position	536
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	182.1818
	Standard Deviation	201.29097

a3_t3_2

		Value
Standard Attributes	Position	537
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	629.2337

Standard Deviation	268.77530
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a3_t3_3

		Value
Standard Attributes	Position	538
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	620.2376
	Standard Deviation	289.11555

a3_t3_4

		Value
Standard Attributes	Position	539
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	11.9746
	Standard Deviation	14.21749

a3_hlcprrw

		Value	Count	Percent
Standard Attributes	Position	540		
	Label	A3: Healthy Chip extent of review/exploration of info		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	70		
	Missing	135		
Central Tendency and Dispersion	Mean	1.76		
	Standard Deviation	1.083		
Labeled Values	1	Not at all	43	21.0%
	2	Slightly	8	3.9%
	3	Somewhat	13	6.3%
	4	Quite a bit	5	2.4%
	5	A great deal	1	0.5%

a3_hlcpinf

		Value	Count	Percent
Standard Attributes	Position	541		
	Label	A3: Healthy Chip reci review helpful		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	70		
	Missing	135		
Central Tendency and Dispersion	Mean	2.09		
	Standard Deviation	1.073		
Labeled Values	1	Not helpful at all	29	14.1%
	2	Slightly helpful	13	6.3%
	3	Somewhat helpful	22	10.7%
	4	Very helpful	5	2.4%
	5	Extremely helpful	1	0.5%

a3_hlcpbgh

		Value	Count	Percent
Standard Attributes	Position	542		
	Label	A3: Healthy Chip backgrounder helpful		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	70		
	Missing	135		
Central Tendency and Dispersion	Mean	2.36		
	Standard Deviation	1.130		
Labeled Values	1	Not helpful at all	24	11.7%
	2	Slightly helpful	9	4.4%
	3	Somewhat helpful	25	12.2%
	4	Quite helpful	12	5.9%
	5	Extremely helpful	0	0.0%

a3_t4_1

		Value
Standard Attributes	Position	543
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	44.8163
	Standard Deviation	120.79482

a3_t4_2

		Value
Standard Attributes	Position	544
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	117.0043
	Standard Deviation	233.41130

a3_t4_3

		Value
Standard Attributes	Position	545
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	125.2124
	Standard Deviation	229.96549

a3_t4_4

		Value
Standard Attributes	Position	546
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	2.9848
	Standard Deviation	4.20335

a3_memrww

		Value	Count	Percent
Standard Attributes	Position	547		
	Label	A3: Memory extent of review/exploration of info		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	63		
	Missing	142		
Central Tendency and Dispersion	Mean	1.51		
	Standard Deviation	.878		
Labeled Values	1	Not at all	46	22.4%
	2	Slightly	3	1.5%
	3	Somewhat	13	6.3%
	4	Quite a bit	1	0.5%
	5	A great deal	0	0.0%

a3_meminfo

		Value	Count	Percent
Standard Attributes	Position	548		
	Label	A3: Memory reci review helpful		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	63		

	Missing	142		
Central Tendency and Dispersion	Mean	1.86		
	Standard Deviation	1.014		
Labeled Values	1	Not helpful at all	33	16.1%
	2	Slightly helpful	10	4.9%
	3	Somewhat helpful	16	7.8%
	4	Very helpful	4	2.0%
	5	Extremely helpful	0	0.0%

a3_membgh

		Value	Count	Percent
Standard Attributes	Position	549		
	Label	A3: Memory backgrounder helpful		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	63		
	Missing	142		
Central Tendency and Dispersion	Mean	2.06		
	Standard Deviation	1.176		
Labeled Values	1	Not helpful at all	32	15.6%
	2	Slightly helpful	4	2.0%
	3	Somewhat helpful	18	8.8%
	4	Quite helpful	9	4.4%
	5	Extremely helpful	0	0.0%

a3_t5_1

		Value
Standard Attributes	Position	550
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	18.9468
	Standard Deviation	86.55013

a3_t5_2

		Value
Standard Attributes	Position	551
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	51.1377
	Standard Deviation	153.14734

a3_t5_3

	Value
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Standard Attributes	Position	552
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	54.5467
	Standard Deviation	151.17912

a3_t5_4

		Value
Standard Attributes	Position	553
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	2.4416
	Standard Deviation	3.64676

a3_Q4

		Value
Standard Attributes	Position	554
	Label	NOTICE Do not continue past this page unless your recitation instructor has directed you to do s...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_Q5

		Value
Standard Attributes	Position	555
	Label	Answers to the Overarching Questions Now that you have considered some scenarios involving nanogen...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_riskben

		Value	Count	Percent
Standard Attributes	Position	556		

	Label	A3:do the risks outweigh benefits (low) or benefits outweigh risks (high)		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	197		
	Missing	8		
Central Tendency and Dispersion	Mean	4.43		
	Standard Deviation	1.578		
Labeled Values	1	The risks greatly outweigh the benefits	9	4.4%
	2	The risks somewhat outweigh the benefits	23	11.2%
	3	The risks slightly outweigh the benefits	21	10.2%
	4	The risks and benefits are equal	28	13.7%
	5	The benefits slightly outweigh the risks	66	32.2%
	6	The benefits somewhat outweigh the risks	37	18.0%
	7	The benefits greatly outweigh the risks	13	6.3%

a3_regslid

Standard Attributes	Value	
	Position	557
	Label	A3: amount of regulation low (none) to high (every aspect)
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	197
	Missing	8
Central Tendency and Dispersion	Mean	69.6294
	Standard Deviation	23.16202

a3_chgmnd

Standard Attributes	Value		Count	Percent
	Position	558		
	Label	Please answer the following questions about your attitudes with regard to when you began these exerc....Overall, from the time you began these exercises, until now, to what extent did you change your mind about the questions above?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	197		

	Missing	8		
Central Tendency and Dispersion	Mean	2.56		
	Standard Deviation	.943		
Labeled Values	1	Not at all	24	11.7%
	2	Just a little	73	35.6%
	3	Some	69	33.7%
	4	Quite a bit	27	13.2%
	5	A great deal	4	2.0%

a3_chgmnd_strength

		Value	Count	Percent
Standard Attributes	Position	559		
	Label	Please answer the following questions about your attitudes with regard to when you began these exerc....Overall, from the time you began these exercises, until now, to what extent did strengthen your original opinions about the questions above?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	197		
	Missing	8		
Central Tendency and Dispersion	Mean	3.07		
	Standard Deviation	.964		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	45	22.0%
	3	Some	74	36.1%
	4	Quite a bit	58	28.3%
	5	A great deal	10	4.9%

a3_Q6

		Value
Standard Attributes	Position	560
	Label	Activity Evaluation And lastly, once again, to assist in improving these activities for future...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_Engage_1

		Value	Count	Percent
Standard Attributes	Position	561		

	Label	A3: Engagment-Gave careful consideration to all of the options presented.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.64		
	Standard Deviation	.911		
Labeled Values	1	Not at all	4	2.0%
	2	Just a little	14	6.8%
	3	Some	62	30.2%
	4	Quite a bit	83	40.5%
	5	A great deal	32	15.6%

a3_Engage_2

		Value	Count	Percent
Standard Attributes	Position	562		
	Label	A3: Engagment-Thought it was important to be thorough in my consideration of the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.66		
	Standard Deviation	.936		
Labeled Values	1	Not at all	4	2.0%
	2	Just a little	16	7.8%
	3	Some	58	28.3%
	4	Quite a bit	82	40.0%
	5	A great deal	35	17.1%

a3_Engage_3

		Value	Count	Percent
Standard Attributes	Position	563		
	Label	A3: Engagment-Tried hard to understand perspectives that were different from mine.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.51		

	Standard Deviation	.887		
Labeled Values	1	Not at all	4	2.0%
	2	Just a little	18	8.8%
	3	Some	70	34.1%
	4	Quite a bit	81	39.5%
	5	A great deal	22	10.7%

a3_Engage_5

		Value	Count	Percent
Standard Attributes	Position	564		
	Label	A3: Engagment-Felt open to hearing new ideas about the topics.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.70		
	Standard Deviation	.966		
Labeled Values	1	Not at all	2	1.0%
	2	Just a little	21	10.2%
	3	Some	54	26.3%
	4	Quite a bit	75	36.6%
	5	A great deal	43	21.0%

a3_Engage_6

		Value	Count	Percent
Standard Attributes	Position	565		
	Label	A3: Engagment-Felt focused.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.44		
	Standard Deviation	.990		
Labeled Values	1	Not at all	7	3.4%
	2	Just a little	27	13.2%
	3	Some	57	27.8%
	4	Quite a bit	81	39.5%
	5	A great deal	23	11.2%

a3_Engage_7

		Value	Count	Percent
Standard Attributes	Position	566		
	Label	A3: Engagment-Carefully evaluated the relevance of various arguments.		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.35		
	Standard Deviation	.942		
Labeled Values	1	Not at all	5	2.4%
	2	Just a little	29	14.1%
	3	Some	74	36.1%
	4	Quite a bit	67	32.7%
	5	A great deal	20	9.8%

a3_Engage_8

		Value	Count	Percent
Standard Attributes	Position	567		
	Label	A3: Engagment-Felt open-minded.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.56		
	Standard Deviation	.914		
Labeled Values	1	Not at all	5	2.4%
	2	Just a little	14	6.8%
	3	Some	71	34.6%
	4	Quite a bit	77	37.6%
	5	A great deal	28	13.7%

a3_Engage_9

		Value	Count	Percent
Standard Attributes	Position	568		
	Label	A3: Engagment-Tried to find answers to my questions about the topics.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.81		
	Standard Deviation	1.172		
Labeled Values	1	Not at all	35	17.1%
	2	Just a little	40	19.5%
	3	Some	59	28.8%
	4	Quite a bit	50	24.4%
	5	A great deal	11	5.4%

a3_Engage_10

		Value	Count	Percent
Standard Attributes	Position	569		
	Label	A3: Engagment- Explored topics related to the issues in order to satisfy my own curiosity.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.35		
	Standard Deviation	1.122		
Labeled Values	1	Not at all	54	26.3%
	2	Just a little	57	27.8%
	3	Some	54	26.3%
	4	Quite a bit	22	10.7%
	5	A great deal	8	3.9%

a3_Engage_11

		Value	Count	Percent
Standard Attributes	Position	570		
	Label	A3: Engagment- 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	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.88		
	Standard Deviation	.977		
Labeled Values	1	Not at all	16	7.8%
	2	Just a little	49	23.9%
	3	Some	82	40.0%
	4	Quite a bit	39	19.0%
	5	A great deal	9	4.4%

a3_Engage_12

		Value	Count	Percent
Standard Attributes	Position	571		
	Label	A3: Engagment- Identified questions that I still had about the topics.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.86		
	Standard Deviation	1.092		
Labeled Values	1	Not at all	22	10.7%
	2	Just a little	50	24.4%
	3	Some	71	34.6%
	4	Quite a bit	37	18.0%
	5	A great deal	15	7.3%

a3_Engage_14

		Value	Count	Percent
Standard Attributes	Position	572		
	Label	A3: Engagment- Thought about how the topics related to other things I know.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.34		
	Standard Deviation	1.000		
Labeled Values	1	Not at all	7	3.4%
	2	Just a little	29	14.1%
	3	Some	74	36.1%
	4	Quite a bit	60	29.3%
	5	A great deal	25	12.2%

a3_Engage_15

		Value	Count	Percent
Standard Attributes	Position	573		
	Label	A3: Engagment- Discussed my ideas about the topics with others.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.68		
	Standard Deviation	1.541		
Labeled Values	1	Not at all	79	38.5%
	2	Just a little	7	3.4%
	3	Some	35	17.1%
	4	Quite a bit	46	22.4%
	5	A great deal	28	13.7%

a3_Engage_16

		Value	Count	Percent
Standard Attributes	Position	574		
	Label	A3: Engagment-Talked to others about the topics to get their opinions.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.62		
	Standard Deviation	1.523		
Labeled Values	1	Not at all	80	39.0%
	2	Just a little	11	5.4%
	3	Some	34	16.6%
	4	Quite a bit	44	21.5%
	5	A great deal	26	12.7%

a3_Engage_17

		Value	Count	Percent
Standard Attributes	Position	575		
	Label	A3: Engagment-Asked others what they thought about the topics and issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.31		
	Standard Deviation	1.335		
Labeled Values	1	Not at all	84	41.0%
	2	Just a little	22	10.7%
	3	Some	45	22.0%
	4	Quite a bit	32	15.6%
	5	A great deal	12	5.9%

a3_Engage_18

		Value	Count	Percent
Standard Attributes	Position	576		
	Label	A3: Engagment-Listened to what others thought about the issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		

Central Tendency and Dispersion	Mean	3.08		
	Standard Deviation	1.451		
Labeled Values	1	Not at all	49	23.9%
	2	Just a little	13	6.3%
	3	Some	43	21.0%
	4	Quite a bit	53	25.9%
	5	A great deal	37	18.0%

a3_Engage_20

		Value	Count	Percent
Standard Attributes	Position	577		
	Label	A3: Engagment-Used my imagination.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.25		
	Standard Deviation	1.075		
Labeled Values	1	Not at all	13	6.3%
	2	Just a little	33	16.1%
	3	Some	64	31.2%
	4	Quite a bit	63	30.7%
	5	A great deal	22	10.7%

a3_Engage_21

		Value	Count	Percent
Standard Attributes	Position	578		
	Label	A3: Engagment-Felt inspired.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.50		
	Standard Deviation	1.100		
Labeled Values	1	Not at all	46	22.4%
	2	Just a little	47	22.9%
	3	Some	67	32.7%
	4	Quite a bit	29	14.1%
	5	A great deal	6	2.9%

a3_Engage_22

		Value	Count	Percent
Standard Attributes	Position	579		

	Label	A3: Engagment-Worked to think of novel or inventive issues related to the topic.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.85		
	Standard Deviation	1.155		
Labeled Values	1	Not at all	29	14.1%
	2	Just a little	45	22.0%
	3	Some	61	29.8%
	4	Quite a bit	46	22.4%
	5	A great deal	14	6.8%

a3_Engage_23

		Value	Count	Percent
Standard Attributes	Position	580		
	Label	A3: Engagment-Tried to be innovative in my ideas.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	3.16		
	Standard Deviation	.963		
Labeled Values	1	Not at all	13	6.3%
	2	Just a little	29	14.1%
	3	Some	76	37.1%
	4	Quite a bit	68	33.2%
	5	A great deal	9	4.4%

a3_Engage_24

		Value	Count	Percent
Standard Attributes	Position	581		
	Label	A3: Engagment-Was impatient to get this over.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.94		
	Standard Deviation	1.075		
Labeled Values	1	Not at all	85	41.5%
	2	Just a little	62	30.2%

	3	Some	29	14.1%
	4	Quite a bit	12	5.9%
	5	A great deal	7	3.4%

a3_Engage_25

		Value	Count	Percent
Standard Attributes	Position	582		
	Label	A3: Engagment-Wished I were doing something else.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.17		
	Standard Deviation	1.176		
Labeled Values	1	Not at all	65	31.7%
	2	Just a little	72	35.1%
	3	Some	31	15.1%
	4	Quite a bit	13	6.3%
	5	A great deal	14	6.8%

a3_Engage_26

		Value	Count	Percent
Standard Attributes	Position	583		
	Label	A3: Engagment-Felt bored.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.81		
	Standard Deviation	.995		
Labeled Values	1	Not at all	92	44.9%
	2	Just a little	68	33.2%
	3	Some	21	10.2%
	4	Quite a bit	8	3.9%
	5	A great deal	6	2.9%

a3_Engage_27

		Value	Count	Percent
Standard Attributes	Position	584		
	Label	A3: Engagment-Felt distracted.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		

	Missing	10		
Central Tendency and Dispersion	Mean	1.59		
	Standard Deviation	.796		
Labeled Values	1	Not at all	110	53.7%
	2	Just a little	60	29.3%
	3	Some	20	9.8%
	4	Quite a bit	4	2.0%
	5	A great deal	1	0.5%

a3_Engage_28

		Value	Count	Percent
Standard Attributes	Position	585		
	Label	A3: Engagment-Was uninterested in the task I was asked to do.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.81		
	Standard Deviation	.938		
Labeled Values	1	Not at all	94	45.9%
	2	Just a little	57	27.8%
	3	Some	34	16.6%
	4	Quite a bit	8	3.9%
	5	A great deal	2	1.0%

a3_Engage_29

		Value	Count	Percent
Standard Attributes	Position	586		
	Label	A3: Engagment-Thought this process was not worth my time.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.58		
	Standard Deviation	.848		
Labeled Values	1	Not at all	116	56.6%
	2	Just a little	53	25.9%
	3	Some	19	9.3%
	4	Quite a bit	5	2.4%
	5	A great deal	2	1.0%

a3_Engage_32

		Value	Count	Percent
Standard Attributes	Position	587		

	Label	A3: Engagment-Felt angry.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.31		
	Standard Deviation	.739		
Labeled Values	1	Not at all	156	76.1%
	2	Just a little	25	12.2%
	3	Some	8	3.9%
	4	Quite a bit	4	2.0%
	5	A great deal	2	1.0%

a3_Engage_33

		Value	Count	Percent
Standard Attributes	Position	588		
	Label	A3: Engagment-Found it aggravating.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.49		
	Standard Deviation	.870		
Labeled Values	1	Not at all	134	65.4%
	2	Just a little	37	18.0%
	3	Some	16	7.8%
	4	Quite a bit	5	2.4%
	5	A great deal	3	1.5%

a3_Engage_34

		Value	Count	Percent
Standard Attributes	Position	589		
	Label	A3: Engagment-Was resentful.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.33		
	Standard Deviation	.722		
Labeled Values	1	Not at all	155	75.6%
	2	Just a little	21	10.2%
	3	Some	14	6.8%
	4	Quite a bit	5	2.4%
	5	A great deal	0	0.0%

a3_Engage_35

		Value	Count	Percent
Standard Attributes	Position	590		
	Label	A3: Engagment-Felt frustrated.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.50		
	Standard Deviation	.852		
Labeled Values	1	Not at all	134	65.4%
	2	Just a little	31	15.1%
	3	Some	25	12.2%
	4	Quite a bit	3	1.5%
	5	A great deal	2	1.0%

a3_Engage_36

		Value	Count	Percent
Standard Attributes	Position	591		
	Label	A3: Engagment-Became irritated.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	1.51		
	Standard Deviation	.927		
Labeled Values	1	Not at all	135	65.9%
	2	Just a little	36	17.6%
	3	Some	14	6.8%
	4	Quite a bit	5	2.4%
	5	A great deal	5	2.4%

a3_Engage_37

		Value	Count	Percent
Standard Attributes	Position	592		
	Label	A3: Engagment-Felt like my mind was already made up.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.37		

	Standard Deviation	1.156		
Labeled Values	1	Not at all	53	25.9%
	2	Just a little	59	28.8%
	3	Some	53	25.9%
	4	Quite a bit	18	8.8%
	5	A great deal	12	5.9%

a3_Engage_38

		Value	Count	Percent
Standard Attributes	Position	593		
	Label	A3: Engagment-Knew how I would feel about the topic even before doing the task.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.35		
	Standard Deviation	1.021		
Labeled Values	1	Not at all	44	21.5%
	2	Just a little	70	34.1%
	3	Some	54	26.3%
	4	Quite a bit	23	11.2%
	5	A great deal	4	2.0%

a3_Engage_40

		Value	Count	Percent
Standard Attributes	Position	594		
	Label	A3: Engagment-Felt like new information would not change my opinions.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	195		
	Missing	10		
Central Tendency and Dispersion	Mean	2.20		
	Standard Deviation	1.133		
Labeled Values	1	Not at all	67	32.7%
	2	Just a little	56	27.3%
	3	Some	46	22.4%
	4	Quite a bit	18	8.8%
	5	A great deal	8	3.9%

a3_t7_1

		Value
Standard Attributes	Position	595
	Label	Timing-First Click
	Type	Numeric

	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	9.5617
	Standard Deviation	9.76824

a3_t7_2

		Value
Standard Attributes	Position	596
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	137.3600
	Standard Deviation	81.18860

a3_t7_3

		Value
Standard Attributes	Position	597
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	121.8479
	Standard Deviation	86.73679

a3_t7_4

		Value
Standard Attributes	Position	598
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	38.3538
	Standard Deviation	5.05362

a3_Q9

		Value
Standard Attributes	Position	599
	Label	Finally, here are the answers that you entered to the scenarios. Barless Prisons \${q://QID73/Choic...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_Q10

		Value
Standard Attributes	Position	600
	Label	Be sure to click continue to submit your work, and to have your work emailed to you.
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	195
	Missing	10
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_t6_1

		Value
Standard Attributes	Position	601
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	.2479
	Standard Deviation	1.18220

a3_t6_2

		Value
Standard Attributes	Position	602
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	.2479
	Standard Deviation	1.18220

a3_t6_3

		Value
Standard Attributes	Position	603
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	7.4031
	Standard Deviation	25.00478

a3_t6_4

		Value
Standard Attributes	Position	604
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2

	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	.0714
	Standard Deviation	.25886

a3_idnty_1

		Value	Count	Percent
Standard Attributes	Position	605		
	Label	A3: Importance of-My identity as an individual		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	3.90		
	Standard Deviation	1.135		
Labeled Values	1	Not at all important	5	2.4%
	2	Slightly important	6	2.9%
	3	Somewhat important	20	9.8%
	4	Quite important	30	14.6%
	5	Extremely important	37	18.0%

a3_idnty_2

		Value	Count	Percent
Standard Attributes	Position	606		
	Label	A3: Importance of-My identity as a member of my group during today's discussion		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	3.46		
	Standard Deviation	1.057		
Labeled Values	1	Not at all important	6	2.9%
	2	Slightly important	9	4.4%
	3	Somewhat important	32	15.6%
	4	Quite important	36	17.6%
	5	Extremely important	15	7.3%

a3_idnty_3

		Value	Count	Percent
Standard Attributes	Position	607		
	Label	A3: Importance of-My identity as a student in this specific Recitation section		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	2.99		
	Standard Deviation	1.248		
Labeled Values	1	Not at all important	13	6.3%
	2	Slightly important	24	11.7%
	3	Somewhat important	25	12.2%
	4	Quite important	23	11.2%
	5	Extremely important	13	6.3%

a3_idnty_4

		Value	Count	Percent
Standard Attributes	Position	608		
	Label	A3: Importance of-My identity as a student in Bio102		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	2.93		
	Standard Deviation	1.254		
Labeled Values	1	Not at all important	15	7.3%
	2	Slightly important	23	11.2%
	3	Somewhat important	26	12.7%
	4	Quite important	22	10.7%
	5	Extremely important	12	5.9%

a3_idnty_5

		Value	Count	Percent
Standard Attributes	Position	609		
	Label	A3: Importance of-My identity as a UNL student		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	3.21		
	Standard Deviation	1.286		
Labeled Values	1	Not at all important	11	5.4%
	2	Slightly important	21	10.2%
	3	Somewhat important	20	9.8%
	4	Quite important	28	13.7%
	5	Extremely important	18	8.8%

a3_idnty_6

		Value	Count	Percent
Standard Attributes	Position	610		
	Label	A3: Importance of-My identity as an American		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	3.68		
	Standard Deviation	1.099		
Labeled Values	1	Not at all important	5	2.4%
	2	Slightly important	7	3.4%
	3	Somewhat important	28	13.7%
	4	Quite important	32	15.6%
	5	Extremely important	26	12.7%

a3_idnty_7

		Value	Count	Percent
Standard Attributes	Position	611		
	Label	A3: Importance of-My identity as a member of my racial group		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	2.91		
	Standard Deviation	1.465		
Labeled Values	1	Not at all important	23	11.2%
	2	Slightly important	21	10.2%
	3	Somewhat important	15	7.3%
	4	Quite important	20	9.8%
	5	Extremely important	19	9.3%

a3_idnty_8

		Value	Count	Percent
Standard Attributes	Position	612		
	Label	A3: Importance of-My identity as a human being		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		

Central Tendency and Dispersion	Mean	4.37		
	Standard Deviation	.924		
Labeled Values	1	Not at all important	2	1.0%
	2	Slightly important	2	1.0%
	3	Somewhat important	12	5.9%
	4	Quite important	24	11.7%
	5	Extremely important	58	28.3%

a3_t8_1

		Value
Standard Attributes	Position	613
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	8.6471
	Standard Deviation	5.27768

a3_t8_2

		Value
Standard Attributes	Position	614
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	31.6546
	Standard Deviation	12.64746

a3_t8_3

		Value
Standard Attributes	Position	615
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	33.6543
	Standard Deviation	14.36800

a3_t8_4

		Value
Standard Attributes	Position	616
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	9.5816
	Standard Deviation	2.27457

a3_Q7

		Value
Standard Attributes	Position	617
	Label	On the next couple of pages, we would like to know a little bit about what you thought about working...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_grpsat

		Value	Count	Percent
Standard Attributes	Position	618		
	Label	A3: Satisfaction with group		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	95		
	Missing	110		
Central Tendency and Dispersion	Mean	3.78		
	Standard Deviation	.970		
Labeled Values	1	Not at all satisfied	1	0.5%
	2	Slightly satisfied	11	5.4%
	3	Somewhat satisfied	18	8.8%
	4	Quite satisfied	43	21.0%
	5	Extremely satisfied	22	10.7%

a3_grpfeel

		Value	Count	Percent
Standard Attributes	Position	619		
	Label	A3: Feelings about other group members		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	5.73		
	Standard Deviation	1.328		
Labeled Values	1	Very negative	0	0.0%
	2	Somewhat negative	3	1.5%
	3	Slightly negative	4	2.0%
	4	Neither negative nor positive	10	4.9%
	5	Slightly positive	18	8.8%
	6	Somewhat positive	27	13.2%
	7	Very positive	36	17.6%

a3_grpdis

		Value	Count	Percent
Standard Attributes	Position	620		
	Label	A3: Amount of disagreement in group		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	2.18		
	Standard Deviation	.737		
Labeled Values	1	No disagreement at all	18	8.8%
	2	Slight disagreeement	45	22.0%
	3	Some disagreement	34	16.6%
	4	A lot of disagreement	1	0.5%
	5	Total disagreement	0	0.0%

a3_grpcons

		Value	Count	Percent
Standard Attributes	Position	621		
	Label	A3: Amount of consensus in group		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	3.57		
	Standard Deviation	.718		
Labeled Values	1	No consensus at all	0	0.0%
	2	Little consensus	7	3.4%
	3	Some consensus	34	16.6%
	4	A lot of consensus	51	24.9%
	5	Total consensus	6	2.9%

a3_grpelsi

		Value	Count	Percent
Standard Attributes	Position	622		
	Label	A3: Group came to consensus on ethical scenarios		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	5.08		

	Standard Deviation	1.290		
Labeled Values	1	Strongly disagree	0	0.0%
	2	Disagree	3	1.5%
	3	Somewhat disagree	12	5.9%
	4	Neither agree nor disagree	13	6.3%
	5	Somewhat agree	26	12.7%
	6	Agree	34	16.6%
	7	Strongly agree	10	4.9%

a3_grpinxn_1

		Value	Count	Percent
Standard Attributes	Position	623		
	Label	A3: Group interaction felt like:-One group		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	3.74		
	Standard Deviation	1.115		
Labeled Values	1	Not at all	3	1.5%
	2	Slightly	14	6.8%
	3	Somewhat	16	7.8%
	4	Quite a bit	37	18.0%
	5	Extremely	28	13.7%

a3_grpinxn_2

		Value	Count	Percent
Standard Attributes	Position	624		
	Label	A3: Group interaction felt like:-Two or more subgroups within a larger group		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	1.68		
	Standard Deviation	.980		
Labeled Values	1	Not at all	57	27.8%
	2	Slightly	24	11.7%
	3	Somewhat	9	4.4%
	4	Quite a bit	7	3.4%
	5	Extremely	1	0.5%

a3_grpinxn_3

		Value	Count	Percent
Standard Attributes	Position	625		

	Label	A3: Group interaction felt like:-Two or more subgroups		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	1.59		
	Standard Deviation	.961		
Labeled Values	1	Not at all	63	30.7%
	2	Slightly	20	9.8%
	3	Somewhat	9	4.4%
	4	Quite a bit	4	2.0%
	5	Extremely	2	1.0%

a3_grpinxn_4

		Value	Count	Percent
Standard Attributes	Position	626		
	Label	A3: Group interaction felt like:-Separate individuals		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	2.10		
	Standard Deviation	1.098		
Labeled Values	1	Not at all	37	18.0%
	2	Slightly	29	14.1%
	3	Somewhat	19	9.3%
	4	Quite a bit	11	5.4%
	5	Extremely	2	1.0%

a3_t9_1

		Value
Standard Attributes	Position	627
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	7.9052
	Standard Deviation	7.41142

a3_t9_2

		Value
Standard Attributes	Position	628
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2

	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	45.3015
	Standard Deviation	15.39260

a3_t9_3

		Value
Standard Attributes	Position	629
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	46.5680
	Standard Deviation	16.10721

a3_t9_4

		Value
Standard Attributes	Position	630
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	10.8265
	Standard Deviation	2.04599

a3_Q8

		Value
Standard Attributes	Position	631
	Label	Please answer the following questions about your group members. If you had fewer than four group mem...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a3_grpfam_x1

		Value	Count	Percent
Standard Attributes	Position	632		
	Label	A3: familiarity with person BEFORE today-1.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		

	Missing	107		
Central Tendency and Dispersion	Mean	1.78		
	Standard Deviation	1.189		
Labeled Values	1	Not at all familiar	64	31.2%
	2	Slightly familiar	7	3.4%
	3	Somewhat familiar	15	7.3%
	4	Quite familiar	9	4.4%
	5	Extremely familiar	3	1.5%
	6	N/A (blank)	0	0.0%

a3_grpfam_x2

		Value	Count	Percent
Standard Attributes	Position	633		
	Label	A3: familiarity with person BEFORE today-2.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	87		
	Missing	118		
Central Tendency and Dispersion	Mean	1.57		
	Standard Deviation	1.117		
Labeled Values	1	Not at all familiar	65	31.7%
	2	Slightly familiar	5	2.4%
	3	Somewhat familiar	10	4.9%
	4	Quite familiar	3	1.5%
	5	Extremely familiar	4	2.0%
	6	N/A (blank)	6	2.9%

a3_grpfam_x3

		Value	Count	Percent
Standard Attributes	Position	634		
	Label	A3: familiarity with person BEFORE today-3.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	22		
	Missing	183		
Central Tendency and Dispersion	Mean	2.18		
	Standard Deviation	1.500		
Labeled Values	1	Not at all familiar	12	5.9%
	2	Slightly familiar	1	0.5%
	3	Somewhat familiar	5	2.4%
	4	Quite familiar	1	0.5%
	5	Extremely familiar	3	1.5%
	6	N/A (blank)	44	21.5%

a3_grpfam_x4

		Value	Count	Percent
Standard Attributes	Position	635		
	Label	A3: familiarity with person BEFORE today-4.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	6		
	Missing	199		
Central Tendency and Dispersion	Mean	2.00		
	Standard Deviation	1.095		
Labeled Values	1	Not at all familiar	3	1.5%
	2	Slightly familiar	0	0.0%
	3	Somewhat familiar	3	1.5%
	4	Quite familiar	0	0.0%
	5	Extremely familiar	0	0.0%
	6	N/A (blank)	55	26.8%

a3_recimem_x1

		Value	Count	Percent
Standard Attributes	Position	636		
	Label	A3: Person part of reci small group-1.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	1.40		
	Standard Deviation	.492		
Labeled Values	1	No	59	28.8%
	2	Yes	39	19.0%
	3	N/A (blank)	0	0.0%

a3_recimem_x2

		Value	Count	Percent
Standard Attributes	Position	637		
	Label	A3: Person part of reci small group-2.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	87		
	Missing	118		
Central Tendency and Dispersion	Mean	1.34		
	Standard Deviation	.478		
Labeled Values	1	No	57	27.8%
	2	Yes	30	14.6%
	3	N/A (blank)	6	2.9%

a3_recimem_x3

		Value	Count	Percent
Standard Attributes	Position	638		
	Label	A3: Person part of reci small group-3.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	19		
	Missing	186		
Central Tendency and Dispersion	Mean	1.58		
	Standard Deviation	.507		
Labeled Values	1	No	8	3.9%
	2	Yes	11	5.4%
	3	N/A (blank)	46	22.4%

a3_recimem_x4

		Value	Count	Percent
Standard Attributes	Position	639		
	Label	A3: Person part of reci small group-4.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	5		
	Missing	200		
Central Tendency and Dispersion	Mean	1.20		
	Standard Deviation	.447		
Labeled Values	1	No	4	2.0%
	2	Yes	1	0.5%
	3	N/A (blank)	56	27.3%

a3_simopin_x1

		Value	Count	Percent
Standard Attributes	Position	640		
	Label	A3: Similarity of person's opinion to yours-1.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	97		
	Missing	108		
Central Tendency and Dispersion	Mean	3.58		
	Standard Deviation	.977		
Labeled Values	1	Not at all similar	2	1.0%
	2	A little similar	14	6.8%

	3	Somewhat similar	21	10.2%
	4	Quite similar	46	22.4%
	5	Extremely similar	14	6.8%
	6	N/A (blank)	0	0.0%

a3_simopin_x2

		Value	Count	Percent
Standard Attributes	Position	641		
	Label	A3: Similarity of person's opinion to yours-2.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	85		
	Missing	120		
Central Tendency and Dispersion	Mean	3.53		
	Standard Deviation	.983		
Labeled Values	1	Not at all similar	2	1.0%
	2	A little similar	12	5.9%
	3	Somewhat similar	22	10.7%
	4	Quite similar	37	18.0%
	5	Extremely similar	12	5.9%
	6	N/A (blank)	7	3.4%

a3_simopin_x3

		Value	Count	Percent
Standard Attributes	Position	642		
	Label	A3: Similarity of person's opinion to yours-3.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	19		
	Missing	186		
Central Tendency and Dispersion	Mean	3.47		
	Standard Deviation	1.429		
Labeled Values	1	Not at all similar	3	1.5%
	2	A little similar	1	0.5%
	3	Somewhat similar	5	2.4%
	4	Quite similar	4	2.0%
	5	Extremely similar	6	2.9%
	6	N/A (blank)	44	21.5%

a3_simopin_x4

		Value	Count	Percent
Standard Attributes	Position	643		
	Label	A3: Similarity of person's opinion to yours-4.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	5		
	Missing	200		
Central Tendency and Dispersion	Mean	2.20		
	Standard Deviation	1.789		
Labeled Values	1	Not at all similar	3	1.5%
	2	A little similar	0	0.0%
	3	Somewhat similar	1	0.5%
	4	Quite similar	0	0.0%
	5	Extremely similar	1	0.5%
	6	N/A (blank)	54	26.3%

a3_agreopi_x1

		Value	Count	Percent
Standard Attributes	Position	644		
	Label	A3: Agree with opinions-1.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	5.39		
	Standard Deviation	1.313		
Labeled Values	1	Strongly Disagree	2	1.0%
	2	Disagree	2	1.0%
	3	Somewhat Disagree	6	2.9%
	4	Neither Agree nor Disagree	6	2.9%
	5	Somewhat Agree	28	13.7%
	6	Agree	38	18.5%
	7	Strongly Agree	16	7.8%
	8	N/A (blank)	0	0.0%

a3_agreopi_x2

		Value	Count	Percent
Standard Attributes	Position	645		
	Label	A3: Agree with opinions-2.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	87		
	Missing	118		
Central Tendency and Dispersion	Mean	5.33		
	Standard Deviation	1.318		
Labeled Values	1	Strongly Disagree	0	0.0%
	2	Disagree	3	1.5%
	3	Somewhat Disagree	9	4.4%
	4	Neither Agree nor Disagree	7	3.4%

	5	Somewhat Agree	18	8.8%
	6	Agree	37	18.0%
	7	Strongly Agree	13	6.3%
	8	N/A (blank)	6	2.9%

a3_agreopi_x3

		Value	Count	Percent
Standard Attributes	Position	646		
	Label	A3: Agree with opinions-3.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	19		
	Missing	186		
Central Tendency and Dispersion	Mean	5.16		
	Standard Deviation	1.922		
Labeled Values	1	Strongly Disagree	2	1.0%
	2	Disagree	0	0.0%
	3	Somewhat Disagree	2	1.0%
	4	Neither Agree nor Disagree	1	0.5%
	5	Somewhat Agree	3	1.5%
	6	Agree	6	2.9%
	7	Strongly Agree	5	2.4%
	8	N/A (blank)	46	22.4%

a3_agreopi_x4

		Value	Count	Percent
Standard Attributes	Position	647		
	Label	A3: Agree with opinions-4.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	4		
	Missing	201		
Central Tendency and Dispersion	Mean	3.25		
	Standard Deviation	2.630		
Labeled Values	1	Strongly Disagree	2	1.0%
	2	Disagree	0	0.0%
	3	Somewhat Disagree	0	0.0%
	4	Neither Agree nor Disagree	0	0.0%
	5	Somewhat Agree	1	0.5%
	6	Agree	1	0.5%
	7	Strongly Agree	0	0.0%
	8	N/A (blank)	56	27.3%

a3_t10_1

		Value
Standard Attributes	Position	648
	Label	Timing-First Click

	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	68.5255
	Standard Deviation	607.28219

a3_t10_2

Value		
Standard Attributes	Position	649
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	106.0314
	Standard Deviation	607.17039

a3_t10_3

Value		
Standard Attributes	Position	650
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	98.1612
	Standard Deviation	608.10535

a3_t10_4

Value		
Standard Attributes	Position	651
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	14.9388
	Standard Deviation	5.10673

a3_grpatt_1

Value			Count	Percent
Standard Attributes	Position	652		
	Label	A3: Group attitudes-I felt strong ties with my group.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		

Central Tendency and Dispersion	Mean	4.44		
	Standard Deviation	1.444		
Labeled Values	1	Strongly disagree	4	2.0%
	2	Disagree	5	2.4%
	3	Somewhat disagree	13	6.3%
	4	Neither agree nor disagree	31	15.1%
	5	Somewhat agree	16	7.8%
	6	Agree	25	12.2%
	7	Strongly agree	4	2.0%

a3_grpatt_2

		Value	Count	Percent
Standard Attributes	Position	653		
	Label	A3: Group attitudes- The other group members valued my contribution to the discussion.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	5.35		
	Standard Deviation	1.056		
Labeled Values	1	Strongly disagree	1	0.5%
	2	Disagree	0	0.0%
	3	Somewhat disagree	1	0.5%
	4	Neither agree nor disagree	18	8.8%
	5	Somewhat agree	32	15.6%
	6	Agree	34	16.6%
	7	Strongly agree	12	5.9%

a3_grpatt_3

		Value	Count	Percent
Standard Attributes	Position	654		
	Label	A3: Group attitudes- The other group members' ideas were excellent.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	5.24		
	Standard Deviation	1.131		
Labeled Values	1	Strongly disagree	1	0.5%
	2	Disagree	1	0.5%
	3	Somewhat disagree	4	2.0%
	4	Neither agree nor disagree	15	7.3%
	5	Somewhat agree	33	16.1%

	6	Agree	34	16.6%
	7	Strongly agree	10	4.9%

a3_grpatt_4

		Value	Count	Percent
Standard Attributes	Position	655		
	Label	A3: Group attitudes-My ideas were not respected by other group members.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	97		
	Missing	108		
Central Tendency and Dispersion	Mean	1.98		
	Standard Deviation	1.369		
Labeled Values	1	Strongly disagree	52	25.4%
	2	Disagree	22	10.7%
	3	Somewhat disagree	5	2.4%
	4	Neither agree nor disagree	12	5.9%
	5	Somewhat agree	3	1.5%
	6	Agree	3	1.5%
	7	Strongly agree	0	0.0%

a3_grpatt_5

		Value	Count	Percent
Standard Attributes	Position	656		
	Label	A3: Group attitudes-I felt as though everyone was cooperating with each other.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	5.62		
	Standard Deviation	1.089		
Labeled Values	1	Strongly disagree	1	0.5%
	2	Disagree	0	0.0%
	3	Somewhat disagree	2	1.0%
	4	Neither agree nor disagree	11	5.4%
	5	Somewhat agree	23	11.2%
	6	Agree	42	20.5%
	7	Strongly agree	19	9.3%

a3_grpatt_6

		Value	Count	Percent
Standard Attributes	Position	657		

	Label	A3: Group attitudes- During the interaction, group members were competing with each other.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	98		
	Missing	107		
Central Tendency and Dispersion	Mean	2.38		
	Standard Deviation	1.550		
Labeled Values	1	Strongly disagree	37	18.0%
	2	Disagree	30	14.6%
	3	Somewhat disagree	7	3.4%
	4	Neither agree nor disagree	10	4.9%
	5	Somewhat agree	10	4.9%
	6	Agree	3	1.5%
	7	Strongly agree	1	0.5%

a3_t11_1

Value		
Standard Attributes	Position	658
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	6.3491
	Standard Deviation	6.15275

a3_t11_2

Value		
Standard Attributes	Position	659
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	25.1011
	Standard Deviation	10.67701

a3_t11_3

Value		
Standard Attributes	Position	660
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	26.1338
	Standard Deviation	11.09798

a3_t11_4

		Value
Standard Attributes	Position	661
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	98
	Missing	107
Central Tendency and Dispersion	Mean	6.8673
	Standard Deviation	1.47584

a3d_GroupNum

		Value
Standard Attributes	Position	662
	Label	Group Number
	Type	Numeric
	Format	F12
	Measurement	Scale
N	Valid	205
	Missing	0
Central Tendency and Dispersion	Mean	39.53
	Standard Deviation	23.018

a3d_Absent

		Value	Count	Percent
Standard Attributes	Position	663		
	Label	Absent or present for A3 Discussions		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0		195	95.1%
	1		10	4.9%

numgrpmem

		Value
Standard Attributes	Position	664
	Label	number of group members
	Type	Numeric
	Format	F4
	Measurement	Scale
N	Valid	205
	Missing	0
Central Tendency and Dispersion	Mean	3.08
	Standard Deviation	.424

a3d_MeRate1

		Value	Count	Percent
Standard Attributes	Position	665		
	Label	To what extent did the student discussion stay "on topic"?		

	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	0	0.0%
	2	About a quarter of the time	0	0.0%
	3	About half the time	3	1.5%
	4	Most of the time	11	5.4%
	5	All of the time	89	43.4%
Missing Values	System		102	49.8%

a3d_MeRate2

		Value	Count	Percent
Standard Attributes	Position	666		
	Label	How interested/engaged did they seem to be in or with the question?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	3	1.5%
	2	About a quarter of the time	14	6.8%
	3	About half the time	39	19.0%
	4	Most of the time	37	18.0%
	5	All of the time	10	4.9%
Missing Values	System		102	49.8%

a3d_MeRate3

		Value	Count	Percent
Standard Attributes	Position	667		
	Label	How much disagreement was there within the group?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	50	24.4%
	2	About a quarter of the time	29	14.1%
	3	About half the time	19	9.3%
	4	Most of the time	5	2.4%
	5	All of the time	0	0.0%
Missing Values	System		102	49.8%

a3d_MeRate4

		Value	Count	Percent
Standard Attributes	Position	668		

	Label	To what extent did students give evidence for their views? (e.g., because the background document said...)		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	21	10.2%
	2	About a quarter of the time	35	17.1%
	3	About half the time	37	18.0%
	4	Most of the time	8	3.9%
	5	All of the time	2	1.0%
Missing Values	System		102	49.8%

a3d_MeRate5

		Value	Count	Percent
Standard Attributes	Position	669		
	Label	To what extent did they evaluate the evidence available or challenge it? (e.g., its accuracy or relevance)		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	32	15.6%
	2	About a quarter of the time	23	11.2%
	3	About half the time	26	12.7%
	4	Most of the time	17	8.3%
	5	All of the time	5	2.4%
Missing Values	System		102	49.8%

a3d_MeRate6

		Value	Count	Percent
Standard Attributes	Position	670		
	Label	To what extent did students explicitly talk about bias?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	73	35.6%
	2	About a quarter of the time	12	5.9%
	3	About half the time	10	4.9%
	4	Most of the time	8	3.9%
	5	All of the time	0	0.0%
Missing Values	System		102	49.8%

a3d_MeRate7

		Value	Count	Percent
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Standard Attributes	Position	671		
	Label	To what extent did students seem to acknowledge different perspectives? (e.g., "I can understand that some people might think that...")		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	4	2.0%
	2	About a quarter of the time	61	29.8%
	3	About half the time	17	8.3%
	4	Most of the time	18	8.8%
	5	All of the time	3	1.5%
Missing Values	System		102	49.8%

a3d_MeRate8

		Value	Count	Percent
Standard Attributes	Position	672		
	Label	Did students seem to reach a consensus by the end of the discussion?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	3	1.5%
	2	About a quarter of the time	13	6.3%
	3	About half the time	17	8.3%
	4	Most of the time	27	13.2%
	5	All of the time	43	21.0%
Missing Values	System		102	49.8%

a3d_MeComTop1

		Value	Count	Percent
Standard Attributes	Position	673		
	Label	Most common topics (Scale of 0 to 5): Health Risks		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	9	4.4%
	1	Mentioned rarely	4	2.0%
	2	Mentioned a little bit	5	2.4%
	3	Mentioned somewhat	38	18.5%
	4	Mentioned a lot	14	6.8%
	5	Mentioned the whole time	33	16.1%
Missing Values	System		102	49.8%

a3d_MeComTop2

		Value	Count	Percent
Standard Attributes	Position	674		
	Label	Most common topics (Scale of 0 to 5): Health Benefits		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	99	48.3%
	1	Mentioned rarely	0	0.0%
	2	Mentioned a little bit	2	1.0%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	2	1.0%
Missing Values	System		102	49.8%

a3d_MeComTop3

		Value	Count	Percent
Standard Attributes	Position	675		
	Label	Most common topics (Scale of 0 to 5): Overpopulation		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	101	49.3%
	1	Mentioned rarely	2	1.0%
	2	Mentioned a little bit	0	0.0%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	0	0.0%
Missing Values	System		102	49.8%

a3d_MeComTop4

		Value	Count	Percent
Standard Attributes	Position	676		
	Label	Most common topics (Scale of 0 to 5): Wealth Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	103	50.2%
	1	Mentioned rarely	0	0.0%
	2	Mentioned a little bit	0	0.0%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	0	0.0%
Missing Values	System		102	49.8%

a3d_MeComTop5

		Value	Count	Percent
Standard Attributes	Position	677		
	Label	Most common topics (Scale of 0 to 5): Genetics Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	103	50.2%
	1	Mentioned rarely	0	0.0%
	2	Mentioned a little bit	0	0.0%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	0	0.0%
Missing Values	System		102	49.8%

a3d_MeComTop6

		Value	Count	Percent
Standard Attributes	Position	678		
	Label	Most common topics (Scale of 0 to 5): Religion		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	101	49.3%
	1	Mentioned rarely	0	0.0%
	2	Mentioned a little bit	0	0.0%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	2	1.0%
Missing Values	System		102	49.8%

a3d_MeComTop7

		Value	Count	Percent
Standard Attributes	Position	679		
	Label	Most common topics (Scale of 0 to 5): Universal Healthcare		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	103	50.2%
	1	Mentioned rarely	0	0.0%
	2	Mentioned a little bit	0	0.0%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	0	0.0%
Missing Values	System		102	49.8%

a3d_MeComTop8

		Value	Count	Percent
Standard Attributes	Position	680		
	Label	Most common topics (Scale of 0 to 5): National Security		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	84	41.0%
	1	Mentioned rarely	5	2.4%
	2	Mentioned a little bit	6	2.9%
	3	Mentioned somewhat	6	2.9%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	2	1.0%
Missing Values	System		102	49.8%

a3d_MeComTop9

		Value	Count	Percent
Standard Attributes	Position	681		
	Label	Most common topics (Scale of 0 to 5): Nature (for or against)		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	89	43.4%
	1	Mentioned rarely	6	2.9%
	2	Mentioned a little bit	1	0.5%
	3	Mentioned somewhat	4	2.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	3	1.5%
Missing Values	System		102	49.8%

a3d_MeComTop10

		Value	Count	Percent
Standard Attributes	Position	682		
	Label	Most common topics (Scale of 0 to 5): The Economy/Jobs		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	86	42.0%
	1	Mentioned rarely	0	0.0%
	2	Mentioned a little bit	1	0.5%
	3	Mentioned somewhat	5	2.4%
	4	Mentioned a lot	6	2.9%
	5	Mentioned the whole time	5	2.4%
Missing Values	System		102	49.8%

a3d_MeComTop11

		Value	Count	Percent
Standard Attributes	Position	683		
	Label	Most common topics (Scale of 0 to 5): Social Changes		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	55	26.8%
	1	Mentioned rarely	3	1.5%
	2	Mentioned a little bit	17	8.3%
	3	Mentioned somewhat	17	8.3%
	4	Mentioned a lot	5	2.4%
	5	Mentioned the whole time	6	2.9%
Missing Values	System		102	49.8%

a3d_MeComTop12

		Value	Count	Percent
Standard Attributes	Position	684		
	Label	Most common topics (Scale of 0 to 5): Privacy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	70	34.1%
	1	Mentioned rarely	7	3.4%
	2	Mentioned a little bit	6	2.9%
	3	Mentioned somewhat	10	4.9%
	4	Mentioned a lot	4	2.0%
	5	Mentioned the whole time	6	2.9%
Missing Values	System		102	49.8%

a3d_MeComTop13

		Value	Count	Percent
Standard Attributes	Position	685		
	Label	Most common topics (Scale of 0 to 5): Human Autonomy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	34	16.6%
	1	Mentioned rarely	3	1.5%
	2	Mentioned a little bit	12	5.9%
	3	Mentioned somewhat	19	9.3%
	4	Mentioned a lot	27	13.2%
	5	Mentioned the whole time	8	3.9%
Missing Values	System		102	49.8%

a3d_Medisagr1

		Value	Count	Percent
Standard Attributes	Position	686		
	Label	Most common disagreements (Scale of 0 to 5): Health Risks		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	89	43.4%
	1	Rarely any disagreement	11	5.4%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	3	1.5%
Missing Values	System		102	49.8%

a3d_Medisagr2

		Value	Count	Percent
Standard Attributes	Position	687		
	Label	Most disagreements topics (Scale of 0 to 5): Health Benefits		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	103	50.2%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr3

		Value	Count	Percent
Standard Attributes	Position	688		
	Label	Most disagreements topics (Scale of 0 to 5): Overpopulation		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	103	50.2%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%

	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr4

		Value	Count	Percent
Standard Attributes	Position	689		
	Label	Most disagreements topics (Scale of 0 to 5): Wealth Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	103	50.2%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr5

		Value	Count	Percent
Standard Attributes	Position	690		
	Label	Most disagreements topics (Scale of 0 to 5): Genetics Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	103	50.2%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr6

		Value	Count	Percent
Standard Attributes	Position	691		
	Label	Most disagreements topics (Scale of 0 to 5): Religion		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	103	50.2%

	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr7

		Value	Count	Percent
Standard Attributes	Position	692		
	Label	Most disagreements topics (Scale of 0 to 5): Universal Healthcare		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	103	50.2%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr8

		Value	Count	Percent
Standard Attributes	Position	693		
	Label	Most disagreements topics (Scale of 0 to 5): National Security		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	98	47.8%
	1	Rarely any disagreement	1	0.5%
	2	A little bit of disagreement	2	1.0%
	3	Moderate disagreement	2	1.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr9

		Value	Count	Percent
Standard Attributes	Position	694		
	Label	Most disagreements topics (Scale of 0 to 5): Nature (for or against)		

	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	99	48.3%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	4	2.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr10

		Value	Count	Percent
Standard Attributes	Position	695		
	Label	Most disagreements topics (Scale of 0 to 5): The Economy/Jobs		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	103	50.2%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr11

		Value	Count	Percent
Standard Attributes	Position	696		
	Label	Most disagreements topics (Scale of 0 to 5): Social Changes		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	91	44.4%
	1	Rarely any disagreement	4	2.0%
	2	A little bit of disagreement	3	1.5%
	3	Moderate disagreement	5	2.4%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr12

		Value	Count	Percent
Standard Attributes	Position	697		
	Label	Most disagreements topics (Scale of 0 to 5): Privacy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	92	44.9%
	1	Rarely any disagreement	5	2.4%
	2	A little bit of disagreement	6	2.9%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		102	49.8%

a3d_Medisagr13

		Value	Count	Percent
Standard Attributes	Position	698		
	Label	Most disagreements topics (Scale of 0 to 5): Human Autonomy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	79	38.5%
	1	Rarely any disagreement	5	2.4%
	2	A little bit of disagreement	7	3.4%
	3	Moderate disagreement	2	1.0%
	4	A lot of disagreement	8	3.9%
	5	Extreme disagreement	2	1.0%
Missing Values	System		102	49.8%

a3d_CFRate1

		Value	Count	Percent
Standard Attributes	Position	699		
	Label	To what extent did the student discussion stay "on topic"?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	0	0.0%
	2	About a quarter of the time	0	0.0%
	3	About half the time	3	1.5%
	4	Most of the time	8	3.9%
	5	All of the time	90	43.9%
Missing Values	System		104	50.7%

a3d_CFRate2

		Value	Count	Percent
Standard Attributes	Position	700		
	Label	How interested/engaged did they seem to be in or with the question?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	2	1.0%
	2	About a quarter of the time	0	0.0%
	3	About half the time	18	8.8%
	4	Most of the time	49	23.9%
	5	All of the time	33	16.1%
Missing Values	System		103	50.2%

a3d_CFRate4

		Value	Count	Percent
Standard Attributes	Position	701		
	Label	To what extent did students give evidence for their views? (e.g., because the background document said...)		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	9	4.4%
	2	About a quarter of the time	30	14.6%
	3	About half the time	37	18.0%
	4	Most of the time	13	6.3%
	5	All of the time	13	6.3%
Missing Values	System		103	50.2%

a3d_CFRate5

		Value	Count	Percent
Standard Attributes	Position	702		
	Label	To what extent did they evaluate the evidence available or challenge it? (e.g., its accuracy or relevance)		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	20	9.8%
	2	About a quarter of the time	30	14.6%
	3	About half the time	28	13.7%
	4	Most of the time	13	6.3%
	5	All of the time	11	5.4%

Missing Values	System		103	50.2%
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a3d_CFRate6

		Value	Count	Percent
Standard Attributes	Position	703		
	Label	To what extent did students explicitly talk about bias?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	63	30.7%
	2	About a quarter of the time	18	8.8%
	3	About half the time	11	5.4%
	4	Most of the time	8	3.9%
	5	All of the time	2	1.0%
Missing Values	System		103	50.2%

a3d_CFRate7

		Value	Count	Percent
Standard Attributes	Position	704		
	Label	To what extent did students seem to acknowledge different perspectives? (e.g., "I can understand that some people might think that...")		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	1	Not at all	6	2.9%
	2	About a quarter of the time	20	9.8%
	3	About half the time	34	16.6%
	4	Most of the time	34	16.6%
	5	All of the time	8	3.9%
Missing Values	System		103	50.2%

a3d_CFComTop1

		Value	Count	Percent
Standard Attributes	Position	705		
	Label	Most common topics (Scale of 0 to 5): Health Risks		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	33	16.1%
	1	Mentioned rarely	8	3.9%
	2	Mentioned a little bit	12	5.9%
	3	Mentioned somewhat	20	9.8%
	4	Mentioned a lot	10	4.9%

	5	Mentioned the whole time	19	9.3%
Missing Values	System		103	50.2%

a3d_CFComTop2

		Value	Count	Percent
Standard Attributes	Position	706		
	Label	Most common topics (Scale of 0 to 5): Health Benefits		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	14	6.8%
	1	Mentioned rarely	3	1.5%
	2	Mentioned a little bit	6	2.9%
	3	Mentioned somewhat	31	15.1%
	4	Mentioned a lot	23	11.2%
	5	Mentioned the whole time	25	12.2%
Missing Values	System		103	50.2%

a3d_CFComTop3

		Value	Count	Percent
Standard Attributes	Position	707		
	Label	Most common topics (Scale of 0 to 5): Overpopulation		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	75	36.6%
	1	Mentioned rarely	2	1.0%
	2	Mentioned a little bit	6	2.9%
	3	Mentioned somewhat	6	2.9%
	4	Mentioned a lot	6	2.9%
	5	Mentioned the whole time	7	3.4%
Missing Values	System		103	50.2%

a3d_CFComTop4

		Value	Count	Percent
Standard Attributes	Position	708		
	Label	Most common topics (Scale of 0 to 5): Wealth Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	57	27.8%
	1	Mentioned rarely	7	3.4%
	2	Mentioned a little bit	11	5.4%
	3	Mentioned somewhat	4	2.0%
	4	Mentioned a lot	14	6.8%

	5	Mentioned the whole time	9	4.4%
Missing Values	System		103	50.2%

a3d_CFComTop5

		Value	Count	Percent
Standard Attributes	Position	709		
	Label	Most common topics (Scale of 0 to 5): Genetics Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	65	31.7%
	1	Mentioned rarely	15	7.3%
	2	Mentioned a little bit	3	1.5%
	3	Mentioned somewhat	11	5.4%
	4	Mentioned a lot	3	1.5%
	5	Mentioned the whole time	5	2.4%
Missing Values	System		103	50.2%

a3d_CFComTop6

		Value	Count	Percent
Standard Attributes	Position	710		
	Label	Most common topics (Scale of 0 to 5): Religion		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	69	33.7%
	1	Mentioned rarely	8	3.9%
	2	Mentioned a little bit	6	2.9%
	3	Mentioned somewhat	2	1.0%
	4	Mentioned a lot	7	3.4%
	5	Mentioned the whole time	10	4.9%
Missing Values	System		103	50.2%

a3d_CFComTop7

		Value	Count	Percent
Standard Attributes	Position	711		
	Label	Most common topics (Scale of 0 to 5): Universal Healthcare		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	79	38.5%
	1	Mentioned rarely	3	1.5%
	2	Mentioned a little bit	12	5.9%
	3	Mentioned somewhat	3	1.5%
	4	Mentioned a lot	0	0.0%

	5	Mentioned the whole time	5	2.4%
Missing Values	System		103	50.2%

a3d_CFCComTop8

		Value	Count	Percent
Standard Attributes	Position	712		
	Label	Most common topics (Scale of 0 to 5): National Security		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	99	48.3%
	1	Mentioned rarely	0	0.0%
	2	Mentioned a little bit	3	1.5%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	0	0.0%
Missing Values	System		103	50.2%

a3d_CFCComTop9

		Value	Count	Percent
Standard Attributes	Position	713		
	Label	Most common topics (Scale of 0 to 5): Nature (for or against)		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	59	28.8%
	1	Mentioned rarely	5	2.4%
	2	Mentioned a little bit	14	6.8%
	3	Mentioned somewhat	0	0.0%
	4	Mentioned a lot	6	2.9%
	5	Mentioned the whole time	18	8.8%
Missing Values	System		103	50.2%

a3d_CFCComTop10

		Value	Count	Percent
Standard Attributes	Position	714		
	Label	Most common topics (Scale of 0 to 5): The Economy/Jobs		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	85	41.5%
	1	Mentioned rarely	3	1.5%
	2	Mentioned a little bit	0	0.0%
	3	Mentioned somewhat	9	4.4%
	4	Mentioned a lot	0	0.0%

	5	Mentioned the whole time	5	2.4%
Missing Values	System		103	50.2%

a3d_CFComTop11

		Value	Count	Percent
Standard Attributes	Position	715		
	Label	Most common topics (Scale of 0 to 5): Social Changes		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	49	23.9%
	1	Mentioned rarely	13	6.3%
	2	Mentioned a little bit	6	2.9%
	3	Mentioned somewhat	19	9.3%
	4	Mentioned a lot	5	2.4%
	5	Mentioned the whole time	10	4.9%
Missing Values	System		103	50.2%

a3d_CFComTop12

		Value	Count	Percent
Standard Attributes	Position	716		
	Label	Most common topics (Scale of 0 to 5): Privacy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	94	45.9%
	1	Mentioned rarely	2	1.0%
	2	Mentioned a little bit	0	0.0%
	3	Mentioned somewhat	6	2.9%
	4	Mentioned a lot	0	0.0%
	5	Mentioned the whole time	0	0.0%
Missing Values	System		103	50.2%

a3d_CFComTop13

		Value	Count	Percent
Standard Attributes	Position	717		
	Label	Most common topics (Scale of 0 to 5): Human Autonomy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	Not at all mentioned	59	28.8%
	1	Mentioned rarely	15	7.3%
	2	Mentioned a little bit	7	3.4%
	3	Mentioned somewhat	12	5.9%
	4	Mentioned a lot	6	2.9%

	5	Mentioned the whole time	3	1.5%
Missing Values	System		103	50.2%

a3d_CFdisagr1

		Value	Count	Percent
Standard Attributes	Position	718		
	Label	Most disagreements topics (Scale of 0 to 5): Health Risks		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	73	35.6%
	1	Rarely any disagreement	10	4.9%
	2	A little bit of disagreement	8	3.9%
	3	Moderate disagreement	9	4.4%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	2	1.0%
Missing Values	System		103	50.2%

a3d_CFdisagr2

		Value	Count	Percent
Standard Attributes	Position	719		
	Label	Most disagreements topics (Scale of 0 to 5): Health Benefits		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	74	36.1%
	1	Rarely any disagreement	2	1.0%
	2	A little bit of disagreement	6	2.9%
	3	Moderate disagreement	14	6.8%
	4	A lot of disagreement	4	2.0%
	5	Extreme disagreement	2	1.0%
Missing Values	System		103	50.2%

a3d_CFdisagr3

		Value	Count	Percent
Standard Attributes	Position	720		
	Label	Most disagreements topics (Scale of 0 to 5): Overpopulation		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	97	47.3%

	1	Rarely any disagreement	3	1.5%
	2	A little bit of disagreement	2	1.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		103	50.2%

a3d_CFdisagr4

		Value	Count	Percent
Standard Attributes	Position	721		
	Label	Most disagreements topics (Scale of 0 to 5): Wealth Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	90	43.9%
	1	Rarely any disagreement	6	2.9%
	2	A little bit of disagreement	1	0.5%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	3	1.5%
	5	Extreme disagreement	2	1.0%
Missing Values	System		103	50.2%

a3d_CFdisagr5

		Value	Count	Percent
Standard Attributes	Position	722		
	Label	Most disagreements topics (Scale of 0 to 5): Genetics Gap		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	94	45.9%
	1	Rarely any disagreement	1	0.5%
	2	A little bit of disagreement	1	0.5%
	3	Moderate disagreement	6	2.9%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		103	50.2%

a3d_CFdisagr6

		Value	Count	Percent
Standard Attributes	Position	723		
	Label	Most disagreements topics (Scale of 0 to 5): Religion		

	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	87	42.4%
	1	Rarely any disagreement	2	1.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	1	0.5%
	4	A lot of disagreement	6	2.9%
	5	Extreme disagreement	6	2.9%
Missing Values	System		103	50.2%

a3d_CFdisagr7

		Value	Count	Percent
Standard Attributes	Position	724		
	Label	Most disagreements topics (Scale of 0 to 5): Universal Healthcare		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	99	48.3%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	3	1.5%
Missing Values	System		103	50.2%

a3d_CFdisagr8

		Value	Count	Percent
Standard Attributes	Position	725		
	Label	Most disagreements topics (Scale of 0 to 5): National Security		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	99	48.3%
	1	Rarely any disagreement	3	1.5%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		103	50.2%

a3d_CFdisagr9

		Value	Count	Percent
Standard Attributes	Position	726		
	Label	Most disagreements topics (Scale of 0 to 5): Nature (for or against)		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	88	42.9%
	1	Rarely any disagreement	2	1.0%
	2	A little bit of disagreement	6	2.9%
	3	Moderate disagreement	6	2.9%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		103	50.2%

a3d_CFdisagr10

		Value	Count	Percent
Standard Attributes	Position	727		
	Label	Most disagreements topics (Scale of 0 to 5): The Economy/Jobs		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	96	46.8%
	1	Rarely any disagreement	0	0.0%
	2	A little bit of disagreement	6	2.9%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		103	50.2%

a3d_CFdisagr11

		Value	Count	Percent
Standard Attributes	Position	728		
	Label	Most disagreements topics (Scale of 0 to 5): Social Changes		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	82	40.0%
	1	Rarely any disagreement	9	4.4%
	2	A little bit of disagreement	0	0.0%
	3	Moderate disagreement	3	1.5%
	4	A lot of disagreement	3	1.5%
	5	Extreme disagreement	5	2.4%

Missing Values	System		103	50.2%
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a3d_CFdisagr12

		Value	Count	Percent
Standard Attributes	Position	729		
	Label	Most disagreements topics (Scale of 0 to 5): Privacy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	94	45.9%
	1	Rarely any disagreement	2	1.0%
	2	A little bit of disagreement	6	2.9%
	3	Moderate disagreement	0	0.0%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	0	0.0%
Missing Values	System		103	50.2%

a3d_CFdisagr13

		Value	Count	Percent
Standard Attributes	Position	730		
	Label	Most disagreements topics (Scale of 0 to 5): Human Autonomy		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0	No disagreement	83	40.5%
	1	Rarely any disagreement	5	2.4%
	2	A little bit of disagreement	6	2.9%
	3	Moderate disagreement	3	1.5%
	4	A lot of disagreement	0	0.0%
	5	Extreme disagreement	5	2.4%
Missing Values	System		103	50.2%

a3d_CFDisTi

		Value	Count	Percent
Standard Attributes	Position	731		
	Label	About how long did the students spend discussing the question		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0		5	2.4%

	3		3	1.5%
	5		5	2.4%
	6		13	6.3%
	7		19	9.3%
	8		24	11.7%
	9		11	5.4%
	10		17	8.3%
	12		3	1.5%
Missing Values	System		105	51.2%

a3d_CFWritTi

		Value	Count	Percent
Standard Attributes	Position	732		
	Label	About how long did the students spend writing about the question?		
	Type	Numeric		
	Format	F12		
	Measurement	Nominal		
Valid Values	0		5	2.4%
	3		3	1.5%
	4		5	2.4%
	5		38	18.5%
	6		6	2.9%
	7		23	11.2%
	8		5	2.4%
	10		6	2.9%
Missing Values	System		114	55.6%

a3d_CFRate3

		Value	Count	Percent
Standard Attributes	Position	733		
	Label	How much disagreement was there within the group?		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	1.00	Not at all	25	12.2%
	2.00	About a quarter of the time	35	17.1%
	3.00	About half the time	25	12.2%
	4.00	Most of the time	6	2.9%
	5.00	All of the time	8	3.9%
Missing Values	System		106	51.7%

a3d_CFRate8

		Value	Count	Percent
Standard Attributes	Position	734		
	Label	Did students seem to reach a consensus by the end of the discussion?		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00		4	2.0%
	1.00	Not at all	6	2.9%
	2.00	About a quarter of the time	12	5.9%
	3.00	About half the time	28	13.7%
	4.00	Most of the time	28	13.7%
	5.00	All of the time	22	10.7%
Missing Values	System		105	51.2%

a3d_Check1

		Value	Count	Percent
Standard Attributes	Position	735		
	Label	Which follow-up questions (on the moderator sheet) did you discuss with your group?-ONLY the critical thinking discussion questions		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	No	48	23.4%
	1.00	Yes	38	18.5%
Missing Values	System		119	58.0%

a3d_Check2

		Value	Count	Percent
Standard Attributes	Position	736		
	Label	Which follow-up questions (on the moderator sheet) did you discuss with your group?-ONLY the control group discussion questions		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	No	38	18.5%
	1.00	Yes	48	23.4%
Missing Values	System		119	58.0%

a3d_Check3

		Value	Count	Percent
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Standard Attributes	Position	737		
	Label	Which follow-up questions (on the moderator sheet) did you discuss with your group?-I accidentally asked students BOTH types of questions		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	No	86	42.0%
	1.00	Yes	0	0.0%
Missing Values	System		119	58.0%

a3d_Check4

		Value	Count	Percent
Standard Attributes	Position	738		
	Label	Which follow-up questions (on the moderator sheet) did you discuss with your group?-I accidentally asked students the WRONG set of questions		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00	No	86	42.0%
	1.00	Yes	0	0.0%
Missing Values	System		119	58.0%

a3d_Males

		Value	Count	Percent
Standard Attributes	Position	739		
	Label	number of males in the group		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00		19	9.3%
	1.00		38	18.5%
	2.00		40	19.5%
	3.00		4	2.0%
Missing Values	System		104	50.7%

a3d_Females

		Value	Count	Percent
Standard Attributes	Position	740		

	Label	number of females in the group		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	.00		7	3.4%
	1.00		44	21.5%
	2.00		29	14.1%
	3.00		21	10.2%
Missing Values	System		104	50.7%

a3d_TotalNum

		Value	Count	Percent
Standard Attributes	Position	741		
	Label	total number		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	2.00		15	7.3%
	3.00		79	38.5%
	4.00		7	3.4%
Missing Values	System		104	50.7%

a3d_countnumcases

		Value
Standard Attributes	Position	742
	Label	number of group member calculated by SPSS
	Type	Numeric
	Format	F4
	Measurement	Scale
N	Valid	205
	Missing	0
Central Tendency and Dispersion	Mean	3.08
	Standard Deviation	.424

a4_Q1

		Value
Standard Attributes	Position	743
	Label	Final Analysis: Where Do You Stand?
		Please think carefully about the questions in...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	192
	Missing	13
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_Q3

		Value
Standard Attributes	Position	744
	Label	At the beginning of the semester, we gave you this information about the goals of the New Biology as...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	192
	Missing	13
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_getsum

		Value	Count	Percent
Standard Attributes	Position	745		
	Label	A4: Get summary of results		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	192		
	Missing	13		
Central Tendency and Dispersion	Mean	1.50		
	Standard Deviation	.501		
Labeled Values	1	yes, please send me a summary of the results	96	46.8%
	2	no thanks	96	46.8%

a4_t2_1

		Value
Standard Attributes	Position	746
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	128.9090
	Standard Deviation	1012.18539

a4_t2_2

		Value
Standard Attributes	Position	747
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	131.2166

Standard Deviation	1013.12824
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a4_t2_3

		Value
Standard Attributes	Position	748
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	134.4371
	Standard Deviation	1013.22244

a4_t2_4

		Value
Standard Attributes	Position	749
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.4346
	Standard Deviation	1.28336

a4_Q4

		Value
Standard Attributes	Position	750
	Label	Final Analysis: Where Do You Stand? Now that you have responded to the ethical scenarios and ha...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_chngmnd

		Value	Count	Percent
Standard Attributes	Position	751		
	Label	A4: changed mind on the own perspectives question		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.58		

	Standard Deviation	.919		
Labeled Values	1	Not at all	22	10.7%
	2	Just a little	67	32.7%
	3	Some	75	36.6%
	4	Quite a bit	23	11.2%
	5	A great deal	4	2.0%

a4_chngmnd2

		Value	Count	Percent
Standard Attributes	Position	752		
	Label	A4: changed mind on the other perspectives question		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.43		
	Standard Deviation	.960		
Labeled Values	1	Not at all	32	15.6%
	2	Just a little	72	35.1%
	3	Some	63	30.7%
	4	Quite a bit	20	9.8%
	5	A great deal	4	2.0%

a4_t3_1

		Value
Standard Attributes	Position	753
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1487.9841
	Standard Deviation	11315.02493

a4_t3_2

		Value
Standard Attributes	Position	754
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	3012.6313
	Standard Deviation	17615.50627

a4_t3_3

		Value
Standard Attributes	Position	755
	Label	Timing-Page Submit

	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	3005.0362
	Standard Deviation	17616.80693

a4_t3_4

Value		
Standard Attributes	Position	756
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	14.3455
	Standard Deviation	20.10593

a4_Q5

Value		
Standard Attributes	Position	757
	Label	Final Input You've seen these questions before. You may answer them the same as before, or differ...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_riskben

Value			Count	Percent
Standard Attributes	Position	758		
	Label	A4:do the risks outweigh benefits (low) or benefits outweigh risks (high)		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.52		
	Standard Deviation	1.673		
Labeled Values	1	The risks greatly outweigh the benefits	8	3.9%
	2	The risks somewhat outweigh the benefits	28	13.7%
	3	The risks slightly outweigh the benefits	15	7.3%
	4	The risks and benefits are equal	26	12.7%

	5	The benefits slightly outweigh the risks	49	23.9%
	6	The benefits somewhat outweigh the risks	50	24.4%
	7	The benefits greatly outweigh the risks	15	7.3%

a4_chgmnd_riskben

		Value	Count	Percent
Standard Attributes	Position	759		
	Label	A4: Did your mind change?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.48		
	Standard Deviation	.967		
Labeled Values	1	Not at all	30	14.6%
	2	Just a little	69	33.7%
	3	Some	67	32.7%
	4	Quite a bit	20	9.8%
	5	A great deal	5	2.4%

a4_regslid

		Value
Standard Attributes	Position	760
	Label	A4: amount of regulation low (none) to high (every aspect)
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	69.6911
	Standard Deviation	23.74256

a4_chgmnd_reg

		Value	Count	Percent
Standard Attributes	Position	761		
	Label	A4: Change mind about regulation slider		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.42		
	Standard Deviation	.969		
Labeled Values	1	Not at all	34	16.6%

	2	Just a little	73	35.6%
	3	Some	56	27.3%
	4	Quite a bit	26	12.7%
	5	A great deal	2	1.0%

a4_inflnce_1

		Value	Count	Percent
Standard Attributes	Position	762		
	Label	A4: How did these influence your final views:-Talking about the issue with others.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.59		
	Standard Deviation	1.124		
Labeled Values	1	Not at all	34	16.6%
	2	Just a little	62	30.2%
	3	Some	54	26.3%
	4	Quite a bit	30	14.6%
	5	A great deal	11	5.4%

a4_inflnce_2

		Value	Count	Percent
Standard Attributes	Position	763		
	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	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.16		
	Standard Deviation	1.024		
Labeled Values	1	Not at all	9	4.4%
	2	Just a little	42	20.5%
	3	Some	68	33.2%
	4	Quite a bit	54	26.3%
	5	A great deal	18	8.8%

a4_inflnce_3

		Value	Count	Percent
Standard Attributes	Position	764		

	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	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.12		
	Standard Deviation	1.035		
Labeled Values	1	Not at all	12	5.9%
	2	Just a little	41	20.0%
	3	Some	66	32.2%
	4	Quite a bit	57	27.8%
	5	A great deal	15	7.3%

a4_inflnce_4

		Value	Count	Percent
Standard Attributes	Position	765		
	Label	A4: How did these influence your final views:-My own research on the issue.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.20		
	Standard Deviation	1.029		
Labeled Values	1	Not at all	56	27.3%
	2	Just a little	66	32.2%
	3	Some	46	22.4%
	4	Quite a bit	20	9.8%
	5	A great deal	3	1.5%

a4_inflnce_5

		Value	Count	Percent
Standard Attributes	Position	766		
	Label	A4: How did these influence your final views:-Views of people important to me.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.28		
	Standard Deviation	1.115		

Labeled Values	1	Not at all	58	28.3%
	2	Just a little	56	27.3%
	3	Some	50	24.4%
	4	Quite a bit	20	9.8%
	5	A great deal	7	3.4%

a4_inflnce_6

		Value	Count	Percent
Standard Attributes	Position	767		
	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	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.81		
	Standard Deviation	1.074		
Labeled Values	1	Not at all	22	10.7%
	2	Just a little	53	25.9%
	3	Some	67	32.7%
	4	Quite a bit	37	18.0%
	5	A great deal	12	5.9%

a4_inflnce_7

		Value	Count	Percent
Standard Attributes	Position	768		
	Label	A4: How did these influence your final views:-My study and knowledge of biology in this course.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.64		
	Standard Deviation	1.036		
Labeled Values	1	Not at all	31	15.1%
	2	Just a little	52	25.4%
	3	Some	67	32.7%
	4	Quite a bit	37	18.0%
	5	A great deal	4	2.0%

a4_t4_1

		Value
Standard Attributes	Position	769
	Label	Timing-First Click

	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	175.2559
	Standard Deviation	1369.60063

a4_t4_2

		Value
Standard Attributes	Position	770
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	337.6081
	Standard Deviation	1403.95625

a4_t4_3

		Value
Standard Attributes	Position	771
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	298.3409
	Standard Deviation	734.88842

a4_t4_4

		Value
Standard Attributes	Position	772
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	16.7906
	Standard Deviation	8.28430

a4_Q6

		Value
Standard Attributes	Position	773
	Label	Final Input Most of these items you have not seen since the very first assignment, most likely befo...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_ATTPRE_1

		Value	Count	Percent
Standard Attributes	Position	774		
	Label	A4: Nanotech statement agreement - Nanotechnology is one of the more important issues confronting government today.		
	Type	Numeric		
	Format	F40		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.20		
	Standard Deviation	1.512		
Labeled Values	1	Strongly Disagree	8	3.9%
	2	Disagree	24	11.7%
	3	Slightly Disagree	26	12.7%
	4	Click to write Scale point 7	44	21.5%
	5	Slightly Agree	51	24.9%
	6	Agree	29	14.1%
	7	Strongly Agree	9	4.4%

a4_ATTPRE_2

		Value	Count	Percent
Standard Attributes	Position	775		
	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	F40		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.92		
	Standard Deviation	1.388		
Labeled Values	1	Strongly Disagree	7	3.4%
	2	Disagree	21	10.2%
	3	Slightly Disagree	49	23.9%
	4	Click to write Scale point 7	48	23.4%
	5	Slightly Agree	41	20.0%
	6	Agree	19	9.3%
	7	Strongly Agree	6	2.9%

a4_ATTPRE_3

		Value	Count	Percent
Standard Attributes	Position	776		
	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	F40		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.69		
	Standard Deviation	1.416		
Labeled Values	1	Strongly Disagree	10	4.9%
	2	Disagree	35	17.1%
	3	Slightly Disagree	34	16.6%
	4	Click to write Scale point 7	62	30.2%
	5	Slightly Agree	30	14.6%
	6	Agree	15	7.3%
	7	Strongly Agree	5	2.4%

a4_ATTPRE_4

		Value	Count	Percent
Standard Attributes	Position	777		
	Label	A4: Nanotech statement agreement - The government will effectively manage any risks associated with nanotechnology.		
	Type	Numeric		
	Format	F40		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.88		
	Standard Deviation	1.426		
Labeled Values	1	Strongly Disagree	13	6.3%
	2	Disagree	21	10.2%
	3	Slightly Disagree	36	17.6%
	4	Click to write Scale point 7	52	25.4%
	5	Slightly Agree	48	23.4%
	6	Agree	17	8.3%
	7	Strongly Agree	4	2.0%

a4_ATTPRE_5

		Value	Count	Percent
Standard Attributes	Position	778		

	Label	A4: Nanotech statement agreement - Scientists working with nano-biological technologies will develop them in directions that are positive for society.		
	Type	Numeric		
	Format	F40		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	5.01		
	Standard Deviation	1.242		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	7	3.4%
	3	Slightly Disagree	15	7.3%
	4	Click to write Scale point 7	34	16.6%
	5	Slightly Agree	59	28.8%
	6	Agree	60	29.3%
	7	Strongly Agree	15	7.3%

a4_ATTPRE_6

		Value	Count	Percent
Standard Attributes	Position	779		
	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	F40		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.02		
	Standard Deviation	1.589		
Labeled Values	1	Strongly Disagree	31	15.1%
	2	Disagree	58	28.3%
	3	Slightly Disagree	41	20.0%
	4	Click to write Scale point 7	16	7.8%
	5	Slightly Agree	33	16.1%
	6	Agree	6	2.9%
	7	Strongly Agree	6	2.9%

a4_ATTPRE_7

		Value	Count	Percent
Standard Attributes	Position	780		

	Label	A4: Nanotech statement agreement - There are serious ethical problems associated with not quickly developing nanotechnologies.		
	Type	Numeric		
	Format	F40		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.29		
	Standard Deviation	1.493		
Labeled Values	1	Strongly Disagree	14	6.8%
	2	Disagree	58	28.3%
	3	Slightly Disagree	41	20.0%
	4	Click to write Scale point 7	36	17.6%
	5	Slightly Agree	26	12.7%
	6	Agree	10	4.9%
	7	Strongly Agree	6	2.9%

a4_ATTPRE_8

		Value	Count	Percent
Standard Attributes	Position	781		
	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	F40		
N	Valid	191		
	Missing	14		
	Mean	2.23		
	Standard Deviation	1.322		
Labeled Values	1	Strongly Disagree	72	35.1%
	2	Disagree	56	27.3%
	3	Slightly Disagree	28	13.7%
	4	Click to write Scale point 7	22	10.7%
	5	Slightly Agree	9	4.4%
	6	Agree	3	1.5%
	7	Strongly Agree	1	0.5%

a4_genrate_1

		Value	Count	Percent
Standard Attributes	Position	782		

	Label	A4: Importance: General goals- Minimizing potential risks for humans.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.38		
	Standard Deviation	.758		
Labeled Values	1	Unimportant	0	0.0%
	2	Slightly important	3	1.5%
	3	Important	23	11.2%
	4	Very important	63	30.7%
	5	Extremely important	102	49.8%

a4_genrate_2

		Value	Count	Percent
Standard Attributes	Position	783		
	Label	A4: Importance: General goals- Minimizing potential environmental risks.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.97		
	Standard Deviation	.932		
Labeled Values	1	Unimportant	0	0.0%
	2	Slightly important	17	8.3%
	3	Important	34	16.6%
	4	Very important	77	37.6%
	5	Extremely important	63	30.7%

a4_genrate_3

		Value	Count	Percent
Standard Attributes	Position	784		
	Label	A4: Importance: General goals-Making decisions about the most important directions for future development.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.70		

	Standard Deviation	.828		
Labeled Values	1	Unimportant	1	0.5%
	2	Slightly important	7	3.4%
	3	Important	76	37.1%
	4	Very important	72	35.1%
	5	Extremely important	35	17.1%

a4_genrate_4

		Value	Count	Percent
Standard Attributes	Position	785		
	Label	A4: Importance: General goals- Studying the social and ethical impacts and implications of future developments and regulations.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.79		
	Standard Deviation	.889		
Labeled Values	1	Unimportant	1	0.5%
	2	Slightly important	12	5.9%
	3	Important	58	28.3%
	4	Very important	76	37.1%
	5	Extremely important	44	21.5%

a4_genrate_5

		Value	Count	Percent
Standard Attributes	Position	786		
	Label	A4: Importance: General goals- Maximizing potential benefits for human enhancement.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.23		
	Standard Deviation	1.255		
Labeled Values	1	Unimportant	16	7.8%
	2	Slightly important	44	21.5%
	3	Important	53	25.9%
	4	Very important	37	18.0%
	5	Extremely important	41	20.0%

a4_genrate_6

		Value	Count	Percent
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Standard Attributes	Position	787		
	Label	A4: Importance: General goals- Maximizing potential environmental benefits.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.69		
	Standard Deviation	.970		
Labeled Values	1	Unimportant	1	0.5%
	2	Slightly important	19	9.3%
	3	Important	65	31.7%
	4	Very important	59	28.8%
	5	Extremely important	47	22.9%

a4_gensum_x1

Standard Attributes	Value	
	Position	788
	Label	A4: Importance: Percentages- Minimizing potential risks for humans.
	Type	Numeric
	Format	F8.2
N	Measurement	Scale
	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	27.0890
	Standard Deviation	13.78815

a4_gensum_x2

Standard Attributes	Value	
	Position	789
	Label	A4: Importance: Percentages- Minimizing potential environmental risks.
	Type	Numeric
	Format	F8.2
N	Measurement	Scale
	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	16.6257
	Standard Deviation	7.19630

a4_gensum_x3

Standard Attributes	Value	
	Position	790
	Label	A4: Importance: Percentages-Making decisions about the most important directions for future development.
	Type	Numeric

	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	13.5340
	Standard Deviation	6.90367

a4_gensum_x4

		Value
Standard Attributes	Position	791
	Label	A4: Importance: Percentages-Studying the social and ethical impacts and implications of future developments and regulations.
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	14.9058
	Standard Deviation	8.15953

a4_gensum_x5

		Value
Standard Attributes	Position	792
	Label	A4: Importance: Percentages-Maximizing potential benefits for human enhancement.
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	14.7618
	Standard Deviation	10.12122

a4_gensum_x6

		Value
Standard Attributes	Position	793
	Label	A4: Importance: Percentages-Maximizing potential environmental benefits.
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	13.0838
	Standard Deviation	7.28342

a4_t5_1

		Value
Standard Attributes	Position	794
	Label	Timing-First Click
	Type	Numeric

	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	207.4152
	Standard Deviation	1404.82178

a4_t5_2

Value		
Standard Attributes	Position	795
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	822.2889
	Standard Deviation	3669.96278

a4_t5_3

Value		
Standard Attributes	Position	796
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	809.9030
	Standard Deviation	3672.87778

a4_t5_4

Value		
Standard Attributes	Position	797
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	28.5079
	Standard Deviation	10.23352

a4specckly_1

		Value	Count	Percent
Standard Attributes	Position	798		
	Label	A4: Risk/ben likely ratings-The extension of human life expectancy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.77		

	Standard Deviation	.856		
Labeled Values	1	Not at all likely	2	1.0%
	2	Slightly likely	9	4.4%
	3	Somewhat likely	57	27.8%
	4	Very likely	85	41.5%
	5	Extremely likely	38	18.5%

a4speckly_2

		Value	Count	Percent
Standard Attributes	Position	799		
	Label	A4: Risk/ben likely ratings-Cheap and more universal healthcare.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.76		
	Standard Deviation	.996		
Labeled Values	1	Not at all likely	18	8.8%
	2	Slightly likely	59	28.8%
	3	Somewhat likely	73	35.6%
	4	Very likely	32	15.6%
	5	Extremely likely	9	4.4%

a4speckly_3

		Value	Count	Percent
Standard Attributes	Position	800		
	Label	A4: Risk/ben likely ratings-Higher rates of terminal illness survival (e.g., cancer survival).		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.61		
	Standard Deviation	.955		
Labeled Values	1	Not at all likely	4	2.0%
	2	Slightly likely	21	10.2%
	3	Somewhat likely	51	24.9%
	4	Very likely	84	41.0%
	5	Extremely likely	31	15.1%

a4speckly_18

		Value	Count	Percent
Standard Attributes	Position	801		

	Label	A4: Risk/ben likely ratings-The ability to improve humans through genetic manipulation.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.32		
	Standard Deviation	.961		
Labeled Values	1	Not at all likely	5	2.4%
	2	Slightly likely	34	16.6%
	3	Somewhat likely	65	31.7%
	4	Very likely	69	33.7%
	5	Extremely likely	18	8.8%

a4speckly_7

		Value	Count	Percent
Standard Attributes	Position	802		
	Label	A4: Risk/ben likely ratings-The elimination of genetic inheritance of disease.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.16		
	Standard Deviation	1.000		
Labeled Values	1	Not at all likely	11	5.4%
	2	Slightly likely	34	16.6%
	3	Somewhat likely	74	36.1%
	4	Very likely	57	27.8%
	5	Extremely likely	15	7.3%

a4speckly_8

		Value	Count	Percent
Standard Attributes	Position	803		
	Label	A4: Risk/ben likely ratings-Economic development through investment and research.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.31		

	Standard Deviation	.880		
Labeled Values	1	Not at all likely	0	0.0%
	2	Slightly likely	36	17.6%
	3	Somewhat likely	76	37.1%
	4	Very likely	62	30.2%
	5	Extremely likely	17	8.3%

a4speckly_9

		Value	Count	Percent
Standard Attributes	Position	804		
	Label	A4: Risk/ben likely ratings-Economic disruption caused by the loss of traditional jobs.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.74		
	Standard Deviation	.987		
Labeled Values	1	Not at all likely	17	8.3%
	2	Slightly likely	66	32.2%
	3	Somewhat likely	65	31.7%
	4	Very likely	36	17.6%
	5	Extremely likely	7	3.4%

a4speckly_10

		Value	Count	Percent
Standard Attributes	Position	805		
	Label	A4: Risk/ben likely ratings-Loss of personal privacy due to tiny new surveillance devices.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.79		
	Standard Deviation	1.026		
Labeled Values	1	Not at all likely	18	8.8%
	2	Slightly likely	61	29.8%
	3	Somewhat likely	66	32.2%
	4	Very likely	36	17.6%
	5	Extremely likely	10	4.9%

a4speckly_11

		Value	Count	Percent
Standard Attributes	Position	806		

	Label	A4: Risk/ben likely ratings-Pollution of the environment by nanomaterials.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.04		
	Standard Deviation	.857		
Labeled Values	1	Not at all likely	3	1.5%
	2	Slightly likely	48	23.4%
	3	Somewhat likely	87	42.4%
	4	Very likely	44	21.5%
	5	Extremely likely	9	4.4%

a4specklly_15

		Value	Count	Percent
Standard Attributes	Position	807		
	Label	A4: Risk/ben likely ratings-Unforeseen side-effects from nanomedicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.60		
	Standard Deviation	.940		
Labeled Values	1	Not at all likely	1	0.5%
	2	Slightly likely	23	11.2%
	3	Somewhat likely	62	30.2%
	4	Very likely	70	34.1%
	5	Extremely likely	35	17.1%

a4specklly_19

		Value	Count	Percent
Standard Attributes	Position	808		
	Label	A4: Risk/ben likely ratings-Loss of religious liberties		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.25		
	Standard Deviation	1.099		
Labeled Values	1	Not at all likely	64	31.2%
	2	Slightly likely	44	21.5%

	3	Somewhat likely	60	29.3%
	4	Very likely	18	8.8%
	5	Extremely likely	5	2.4%

a4speckly_16

		Value	Count	Percent
Standard Attributes	Position	809		
	Label	A4: Risk/ben likely ratings-The widening of the gap between the rich and the poor.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.20		
	Standard Deviation	1.120		
Labeled Values	1	Not at all likely	13	6.3%
	2	Slightly likely	37	18.0%
	3	Somewhat likely	68	33.2%
	4	Very likely	45	22.0%
	5	Extremely likely	28	13.7%

a4_t6_1

		Value
Standard Attributes	Position	810
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	128.3669
	Standard Deviation	748.57426

a4_t6_2

		Value
Standard Attributes	Position	811
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	244.8199
	Standard Deviation	1423.52223

a4_t6_3

		Value
Standard Attributes	Position	812
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale

N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	245.3777
	Standard Deviation	1423.59240

a4_t6_4

Value		
Standard Attributes	Position	813
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	13.8639
	Standard Deviation	2.23896

a4specimpt_x1

Value			Count	Percent
Standard Attributes	Position	814		
	Label	A4: Risk/ben important ratings-The extension of human life expectancy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	.90		
	Standard Deviation	1.416		
Labeled Values	-3	Very important to AVOID	4	2.0%
	-2	Moderately important to AVOID	11	5.4%
	-1	Slightly important to AVOID	7	3.4%
	0	NOT IMPORTANT to avoid or achieve	48	23.4%
	1	Slightly important to ACHIEVE	55	26.8%
	2	Moderately important to ACHIEVE	40	19.5%
	3	Very important to ACHIEVE	26	12.7%

a4specimpt_x2

Value			Count	Percent
Standard Attributes	Position	815		
	Label	A4: Risk/ben important ratings-Cheap and more universal healthcare.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.55		
	Standard Deviation	1.276		
Labeled Values	-3	Very important to AVOID	2	1.0%
	-2	Moderately important to AVOID	3	1.5%
	-1	Slightly important to AVOID	8	3.9%
	0	NOT IMPORTANT to avoid or achieve	19	9.3%
	1	Slightly important to ACHIEVE	52	25.4%
	2	Moderately important to ACHIEVE	57	27.8%
	3	Very important to ACHIEVE	50	24.4%

a4specimpt_x3

		Value	Count	Percent
Standard Attributes	Position	816		
	Label	A4: Risk/ben important ratings-Higher rates of terminal illness survival (e.g., cancer survival).		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.62		
	Standard Deviation	1.684		
Labeled Values	-3	Very important to AVOID	11	5.4%
	-2	Moderately important to AVOID	6	2.9%
	-1	Slightly important to AVOID	6	2.9%
	0	NOT IMPORTANT to avoid or achieve	9	4.4%
	1	Slightly important to ACHIEVE	32	15.6%
	2	Moderately important to ACHIEVE	53	25.9%
	3	Very important to ACHIEVE	74	36.1%

a4specimpt_x18

		Value	Count	Percent
Standard Attributes	Position	817		
	Label	A4: Risk/ben important ratings-The ability to improve humans through genetic manipulation.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	-.10		
	Standard Deviation	1.740		
Labeled Values	-3	Very important to AVOID	26	12.7%
	-2	Moderately important to AVOID	22	10.7%
	-1	Slightly important to AVOID	23	11.2%
	0	NOT IMPORTANT to avoid or achieve	39	19.0%
	1	Slightly important to ACHIEVE	44	21.5%
	2	Moderately important to ACHIEVE	29	14.1%
	3	Very important to ACHIEVE	8	3.9%

a4specimpt_x7

		Value	Count	Percent
Standard Attributes	Position	818		
	Label	A4: Risk/ben important ratings-The elimination of genetic inheritance of disease.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.32		
	Standard Deviation	1.479		
Labeled Values	-3	Very important to AVOID	6	2.9%
	-2	Moderately important to AVOID	6	2.9%
	-1	Slightly important to AVOID	11	5.4%
	0	NOT IMPORTANT to avoid or achieve	19	9.3%
	1	Slightly important to ACHIEVE	44	21.5%
	2	Moderately important to ACHIEVE	66	32.2%
	3	Very important to ACHIEVE	39	19.0%

a4specimpt_x8

		Value	Count	Percent
Standard Attributes	Position	819		
	Label	A4: Risk/ben important ratings-Economic development through investment and research.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.24		
	Standard Deviation	1.157		
Labeled Values	-3	Very important to AVOID	3	1.5%
	-2	Moderately important to AVOID	4	2.0%
	-1	Slightly important to AVOID	5	2.4%
	0	NOT IMPORTANT to avoid or achieve	18	8.8%
	1	Slightly important to ACHIEVE	87	42.4%
	2	Moderately important to ACHIEVE	51	24.9%
	3	Very important to ACHIEVE	23	11.2%

a4specimpt_x9

		Value	Count	Percent
Standard Attributes	Position	820		
	Label	A4: Risk/ben important ratings-Economic disruption caused by the loss of traditional jobs.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	-1.94		
	Standard Deviation	1.082		
Labeled Values	-3	Very important to AVOID	67	32.7%
	-2	Moderately important to AVOID	74	36.1%
	-1	Slightly important to AVOID	31	15.1%
	0	NOT IMPORTANT to avoid or achieve	12	5.9%
	1	Slightly important to ACHIEVE	5	2.4%
	2	Moderately important to ACHIEVE	2	1.0%
	3	Very important to ACHIEVE	0	0.0%

a4specimpt_x10

		Value	Count	Percent
Standard Attributes	Position	821		

	Label	A4: Risk/ben important ratings-Loss of personal privacy due to tiny new surveillance devices.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	-2.15		
	Standard Deviation	1.068		
Labeled Values	-3	Very important to AVOID	94	45.9%
	-2	Moderately important to AVOID	55	26.8%
	-1	Slightly important to AVOID	26	12.7%
	0	NOT IMPORTANT to avoid or achieve	10	4.9%
	1	Slightly important to ACHIEVE	5	2.4%
	2	Moderately important to ACHIEVE	1	0.5%
	3	Very important to ACHIEVE	0	0.0%

a4specimpt_x11

		Value	Count	Percent
Standard Attributes	Position	822		
	Label	A4: Risk/ben important ratings-Pollution of the environment by nanomaterials.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	-2.24		
	Standard Deviation	1.162		
Labeled Values	-3	Very important to AVOID	107	52.2%
	-2	Moderately important to AVOID	51	24.9%
	-1	Slightly important to AVOID	17	8.3%
	0	NOT IMPORTANT to avoid or achieve	8	3.9%
	1	Slightly important to ACHIEVE	5	2.4%
	2	Moderately important to ACHIEVE	1	0.5%
	3	Very important to ACHIEVE	2	1.0%

a4specimpt_x15

	Value	Count	Percent
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Standard Attributes	Position	823		
	Label	A4: Risk/ben important ratings-Unforeseen side-effects from nanomedicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	-2.30		
	Standard Deviation	1.188		
Labeled Values	-3	Very important to AVOID	117	57.1%
	-2	Moderately important to AVOID	47	22.9%
	-1	Slightly important to AVOID	9	4.4%
	0	NOT IMPORTANT to avoid or achieve	8	3.9%
	1	Slightly important to ACHIEVE	6	2.9%
	2	Moderately important to ACHIEVE	3	1.5%
	3	Very important to ACHIEVE	1	0.5%

a4specimpt_x19

		Value	Count	Percent
Standard Attributes	Position	824		
	Label	A4: Risk/ben important ratings-Loss of religious liberties		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	-1.96		
	Standard Deviation	1.246		
Labeled Values	-3	Very important to AVOID	92	44.9%
	-2	Moderately important to AVOID	41	20.0%
	-1	Slightly important to AVOID	24	11.7%
	0	NOT IMPORTANT to avoid or achieve	30	14.6%
	1	Slightly important to ACHIEVE	2	1.0%
	2	Moderately important to ACHIEVE	1	0.5%
	3	Very important to ACHIEVE	1	0.5%

a4specimpt_x16

	Value	Count	Percent
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Standard Attributes	Position	825		
	Label	A4: Risk/ben important ratings-The widening of the gap between the rich and the poor.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	-1.98		
	Standard Deviation	1.158		
Labeled Values	-3	Very important to AVOID	83	40.5%
	-2	Moderately important to AVOID	57	27.8%
	-1	Slightly important to AVOID	23	11.2%
	0	NOT IMPORTANT to avoid or achieve	22	10.7%
	1	Slightly important to ACHIEVE	5	2.4%
	2	Moderately important to ACHIEVE	1	0.5%
	3	Very important to ACHIEVE	0	0.0%

a4_t7_1

Standard Attributes	Value	
	Position	826
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
N	Measurement	Scale
	Valid	191
Central Tendency and Dispersion	Missing	14
	Mean	116.4338
	Standard Deviation	1114.71226

a4_t7_2

Standard Attributes	Value	
	Position	827
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
N	Measurement	Scale
	Valid	191
Central Tendency and Dispersion	Missing	14
	Mean	489.2630
	Standard Deviation	4372.08665

a4_t7_3

Standard Attributes	Value	
	Position	828
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
N	Measurement	Scale
	Valid	191

	Missing	14
Central Tendency and Dispersion	Mean	489.7033
	Standard Deviation	4372.14675

a4_t7_4

		Value
Standard Attributes	Position	829
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	14.6754
	Standard Deviation	2.81899

a4fscnlowr_1

		Value	Count	Percent
Standard Attributes	Position	830		
	Label	A4: Govt will incr research and decr regulations: Ratings- The process used by the government to make decisions about this issue was fair.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	91		
	Missing	114		
Central Tendency and Dispersion	Mean	3.92		
	Standard Deviation	.946		
Labeled Values	1	Strongly disagree	0	0.0%
	2	Disagree	7	3.4%
	3	Slightly disagree	21	10.2%
	4	Slightly agree	37	18.0%
	5	Agree	24	11.7%
	6	Strongly agree	2	1.0%

a4fscnlowr_2

		Value	Count	Percent
Standard Attributes	Position	831		
	Label	A4: Govt will incr research and decr regulations: Ratings- The government made the right choices with regard to this issue.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	91		
	Missing	114		

Central Tendency and Dispersion	Mean	3.42		
	Standard Deviation	1.221		
Labeled Values	1	Strongly disagree	4	2.0%
	2	Disagree	21	10.2%
	3	Slightly disagree	20	9.8%
	4	Slightly agree	27	13.2%
	5	Agree	17	8.3%
	6	Strongly agree	2	1.0%

a4fscnlowr_3

		Value	Count	Percent
Standard Attributes	Position	832		
	Label	A4: Govt will incr research and decr regulations: Ratings- The government made the same choices you would have made.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	91		
	Missing	114		
Central Tendency and Dispersion	Mean	3.26		
	Standard Deviation	1.246		
Labeled Values	1	Strongly disagree	6	2.9%
	2	Disagree	22	10.7%
	3	Slightly disagree	24	11.7%
	4	Slightly agree	22	10.7%
	5	Agree	15	7.3%
	6	Strongly agree	2	1.0%

a4fscnlowr_4

		Value	Count	Percent
Standard Attributes	Position	833		
	Label	A4: Govt will incr research and decr regulations: Ratings- The government should have made different decisions about the issue.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	91		
	Missing	114		
Central Tendency and Dispersion	Mean	3.71		
	Standard Deviation	1.186		
Labeled Values	1	Strongly disagree	1	0.5%
	2	Disagree	18	8.8%
	3	Slightly disagree	16	7.8%
	4	Slightly agree	31	15.1%
	5	Agree	21	10.2%
	6	Strongly agree	4	2.0%

a4fscnlowr_5

		Value	Count	Percent
Standard Attributes	Position	834		
	Label	A4: Govt will incr research and decr regulations: Ratings- The government should have used a different process to get public input about this issue.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	91		
	Missing	114		
Central Tendency and Dispersion	Mean	3.43		
	Standard Deviation	1.107		
Labeled Values	1	Strongly disagree	2	1.0%
	2	Disagree	19	9.3%
	3	Slightly disagree	27	13.2%
	4	Slightly agree	24	11.7%
	5	Agree	19	9.3%
	6	Strongly agree	0	0.0%

a4fscnHlr_1

		Value	Count	Percent
Standard Attributes	Position	835		
	Label	A4: govt will incr regulation and slow research: Ratings-The process used by the government to make decisions about this issue was fair.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	4.07		
	Standard Deviation	1.130		
Labeled Values	1	Strongly disagree	2	1.0%
	2	Disagree	8	3.9%
	3	Slightly disagree	17	8.3%
	4	Slightly agree	34	16.6%
	5	Agree	32	15.6%
	6	Strongly agree	7	3.4%

a4fscnHlr_2

		Value	Count	Percent
Standard Attributes	Position	836		

	Label	A4: govt will incr regulation and slow research: Ratings-The government made the right choices with regard to this issue.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	4.01		
	Standard Deviation	1.078		
Labeled Values	1	Strongly disagree	1	0.5%
	2	Disagree	8	3.9%
	3	Slightly disagree	22	10.7%
	4	Slightly agree	32	15.6%
	5	Agree	32	15.6%
	6	Strongly agree	5	2.4%

a4fscnHlr_3

		Value	Count	Percent
Standard Attributes	Position	837		
	Label	A4: govt will incr regulation and slow research: Ratings-The government made the same choices you would have made.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.91		
	Standard Deviation	1.207		
Labeled Values	1	Strongly disagree	3	1.5%
	2	Disagree	12	5.9%
	3	Slightly disagree	16	7.8%
	4	Slightly agree	36	17.6%
	5	Agree	26	12.7%
	6	Strongly agree	7	3.4%

a4fscnHlr_4

		Value	Count	Percent
Standard Attributes	Position	838		
	Label	A4: govt will incr regulation and slow research: Ratings-The government should have made different decisions about the issue.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.07		
	Standard Deviation	1.037		
Labeled Values	1	Strongly disagree	2	1.0%
	2	Disagree	33	16.1%
	3	Slightly disagree	31	15.1%
	4	Slightly agree	25	12.2%
	5	Agree	8	3.9%
	6	Strongly agree	1	0.5%

a4fscnHlr_5

		Value	Count	Percent
Standard Attributes	Position	839		
	Label	A4: govt will incr regulation and slow research: Ratings-The government should have used a different process to get public input about this issue.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	100		
	Missing	105		
Central Tendency and Dispersion	Mean	3.32		
	Standard Deviation	1.154		
Labeled Values	1	Strongly disagree	1	0.5%
	2	Disagree	29	14.1%
	3	Slightly disagree	26	12.7%
	4	Slightly agree	29	14.1%
	5	Agree	11	5.4%
	6	Strongly agree	4	2.0%

a4_t8_1

		Value
Standard Attributes	Position	840
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	110.8668
	Standard Deviation	537.64883

a4_t8_2

		Value
Standard Attributes	Position	841
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale

N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	205.2161
	Standard Deviation	729.16268

a4_t8_3

Standard Attributes	Value	
	Position	842
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
N	Measurement	Scale
	Valid	191
	Missing	14
	Mean	216.4681
	Standard Deviation	730.41179

a4_t8_4

Standard Attributes	Value	
	Position	843
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
N	Measurement	Scale
	Valid	191
	Missing	14
	Mean	7.5445
	Standard Deviation	4.46823

a4slowrsch

Standard Attributes	Value		Count	Percent
	Position	844		
	Label	A4: Against--For Slowing Research		
	Type	Numeric		
	Format	F8		
N	Measurement	Scale		
	Valid	95		
	Missing	110		
	Mean	3.24		
	Standard Deviation	1.449		
Labeled Values	1	Strongly AGAINST	11	5.4%
	2	Moderately AGAINST	23	11.2%
	3	Slightly AGAINST	21	10.2%
	4	Slightly FOR	18	8.8%
	5	Moderately FOR	16	7.8%
	6	Strongly FOR	6	2.9%

a4fastrsch

Standard Attributes	Value		Count	Percent
	Position	845		
	Label	A4: Against--For Speeding Up Research		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	96		
	Missing	109		
Central Tendency and Dispersion	Mean	2.97		
	Standard Deviation	1.447		
Labeled Values	1	Strongly AGAINST	21	10.2%
	2	Moderately AGAINST	17	8.3%
	3	Slightly AGAINST	20	9.8%
	4	Slightly FOR	23	11.2%
	5	Moderately FOR	12	5.9%
	6	Strongly FOR	3	1.5%

a4_t9_1

Value		
Standard Attributes	Position	846
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	47.6345
	Standard Deviation	465.80770

a4_t9_2

Value		
Standard Attributes	Position	847
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	49.3400
	Standard Deviation	465.75056

a4_t9_3

Value		
Standard Attributes	Position	848
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	51.3416
	Standard Deviation	465.69440

a4_t9_4

Value		
Standard Attributes	Position	849
	Label	Timing-Click Count
	Type	Numeric

	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.5026
	Standard Deviation	1.26022

a4_Q7

		Value
Standard Attributes	Position	850
	Label	Who Do you Trust? Back at the beginning of the semester, we promised you would be able to chan...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_knowNS_1

		Value	Count	Percent
Standard Attributes	Position	851		
	Label	A4: Experience w Nanoscientists-How much do you know about nanoscientists?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.38		
	Standard Deviation	.842		
Labeled Values	1	Not at all	33	16.1%
	2	Just a little	65	31.7%
	3	Some	81	39.5%
	4	Quite a bit	12	5.9%
	5	A great deal	0	0.0%

a4_knowNS_2

		Value	Count	Percent
Standard Attributes	Position	852		
	Label	A4: Experience w Nanoscientists-To what extent have you had experiences or interactions with nanoscientists?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		

N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.43		
	Standard Deviation	.764		
Labeled Values	1	Not at all	135	65.9%
	2	Just a little	35	17.1%
	3	Some	17	8.3%
	4	Quite a bit	3	1.5%
	5	A great deal	1	0.5%

a4_knowNS_3

		Value	Count	Percent
Standard Attributes	Position	853		
	Label	A4: Experience w Nanoscientists-To what extent do you feel certain in your views about nanoscientists?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.52		
	Standard Deviation	1.070		
Labeled Values	1	Not at all	39	19.0%
	2	Just a little	54	26.3%
	3	Some	62	30.2%
	4	Quite a bit	31	15.1%
	5	A great deal	5	2.4%

a4_sconfNS_1

		Value	Count	Percent
Standard Attributes	Position	854		
	Label	A4: Conf in nanoscientists to-Do their jobs well.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.75		
	Standard Deviation	.801		
Labeled Values	1	Not at all	0	0.0%
	2	Just a little	10	4.9%
	3	Some	61	29.8%
	4	Quite a bit	87	42.4%
	5	A great deal	33	16.1%

a4_sconfNS_2

		Value	Count	Percent
Standard Attributes	Position	855		
	Label	A4: Conf in nanoscientists to-Meet their professional responsibilities.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.63		
	Standard Deviation	.835		
Labeled Values	1	Not at all	0	0.0%
	2	Just a little	15	7.3%
	3	Some	69	33.7%
	4	Quite a bit	78	38.0%
	5	A great deal	29	14.1%

a4_sconfNS_3

		Value	Count	Percent
Standard Attributes	Position	856		
	Label	A4: Conf in nanoscientists to-Make decisions about the most important directions for future development.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.36		
	Standard Deviation	.929		
Labeled Values	1	Not at all	6	2.9%
	2	Just a little	23	11.2%
	3	Some	77	37.6%
	4	Quite a bit	66	32.2%
	5	A great deal	19	9.3%

a4_gconfNS_1

		Value	Count	Percent
Standard Attributes	Position	857		
	Label	A4: Nanoscientists-Are trustworthy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		

Central Tendency and Dispersion	Mean	3.36		
	Standard Deviation	.753		
Labeled Values	1	Not at all	3	1.5%
	2	Just a little	14	6.8%
	3	Some	95	46.3%
	4	Quite a bit	70	34.1%
	5	A great deal	9	4.4%

a4_gconfNS_2

		Value	Count	Percent
Standard Attributes	Position	858		
	Label	A4: Nanoscientists-Listen to everyone's opinion.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.72		
	Standard Deviation	.847		
Labeled Values	1	Not at all	15	7.3%
	2	Just a little	54	26.3%
	3	Some	94	45.9%
	4	Quite a bit	25	12.2%
	5	A great deal	3	1.5%

a4_gconfNS_3

		Value	Count	Percent
Standard Attributes	Position	859		
	Label	A4: Nanoscientists-Care about the community they serve		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.49		
	Standard Deviation	.833		
Labeled Values	1	Not at all	2	1.0%
	2	Just a little	20	9.8%
	3	Some	68	33.2%
	4	Quite a bit	85	41.5%
	5	A great deal	16	7.8%

a4_gconfNS_4

		Value	Count	Percent
Standard Attributes	Position	860		

	Label	A4: Nanoscientists-Are primarily motivated by what will benefit them personally		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.73		
	Standard Deviation	.927		
Labeled Values	1	Not at all	16	7.8%
	2	Just a little	62	30.2%
	3	Some	74	36.1%
	4	Quite a bit	35	17.1%
	5	A great deal	4	2.0%

a4_gconfNS_5

		Value	Count	Percent
Standard Attributes	Position	861		
	Label	A4: Nanoscientists-Will do the right thing only if they are punished for doing the wrong thing		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.55		
	Standard Deviation	1.044		
Labeled Values	1	Not at all	35	17.1%
	2	Just a little	57	27.8%
	3	Some	62	30.2%
	4	Quite a bit	33	16.1%
	5	A great deal	4	2.0%

a4_gconfNS_6

		Value	Count	Percent
Standard Attributes	Position	862		
	Label	A4: Nanoscientists-Don't really care about the long-term risks of their work		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.05		
	Standard Deviation	1.012		
Labeled Values	1	Not at all	68	33.2%

	2	Just a little	67	32.7%
	3	Some	39	19.0%
	4	Quite a bit	13	6.3%
	5	A great deal	4	2.0%

a4_t10_1

		Value
Standard Attributes	Position	863
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	312.2912
	Standard Deviation	4103.81516

a4_t10_2

		Value
Standard Attributes	Position	864
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	366.4704
	Standard Deviation	4103.89780

a4_t10_3

		Value
Standard Attributes	Position	865
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	367.3819
	Standard Deviation	4103.87693

a4_t10_4

		Value
Standard Attributes	Position	866
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	14.0890
	Standard Deviation	2.64922

a4_knowPM_1

		Value	Count	Percent
Standard Attributes	Position	867		

	Label	A4: Experience with Policymakers-How much do you know about policy makers who regulate nanotechnology?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.89		
	Standard Deviation	.891		
Labeled Values	1	Not at all	77	37.6%
	2	Just a little	67	32.7%
	3	Some	39	19.0%
	4	Quite a bit	7	3.4%
	5	A great deal	1	0.5%

a4_knowPM_2

		Value	Count	Percent
Standard Attributes	Position	868		
	Label	A4: Experience with Policymakers-To what extent have you had experiences or interactions with these policy makers?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.41		
	Standard Deviation	.748		
Labeled Values	1	Not at all	138	67.3%
	2	Just a little	30	14.6%
	3	Some	21	10.2%
	4	Quite a bit	1	0.5%
	5	A great deal	1	0.5%

a4_knowPM_3

		Value	Count	Percent
Standard Attributes	Position	869		
	Label	A4: 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	191		

	Missing	14		
Central Tendency and Dispersion	Mean	2.24		
	Standard Deviation	1.067		
Labeled Values	1	Not at all	59	28.8%
	2	Just a little	56	27.3%
	3	Some	52	25.4%
	4	Quite a bit	20	9.8%
	5	A great deal	4	2.0%

a4_sconfPM_1

		Value	Count	Percent
Standard Attributes	Position	870		
	Label	A4: Conf in policymakers to-Do their jobs well		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.97		
	Standard Deviation	.861		
Labeled Values	1	Not at all	9	4.4%
	2	Just a little	40	19.5%
	3	Some	95	46.3%
	4	Quite a bit	41	20.0%
	5	A great deal	6	2.9%

a4_sconfPM_2

		Value	Count	Percent
Standard Attributes	Position	871		
	Label	A4: Conf in policymakers to-Meet their professional responsibilities		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.11		
	Standard Deviation	.861		
Labeled Values	1	Not at all	7	3.4%
	2	Just a little	33	16.1%
	3	Some	90	43.9%
	4	Quite a bit	54	26.3%
	5	A great deal	7	3.4%

a4_sconfPM_3

		Value	Count	Percent
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Standard Attributes	Position	872		
	Label	A4: Conf in policymakers to-Make decisions about the most important directions for future development.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.97		
	Standard Deviation	.885		
Labeled Values	1	Not at all	10	4.9%
	2	Just a little	41	20.0%
	3	Some	90	43.9%
	4	Quite a bit	44	21.5%
	5	A great deal	6	2.9%

a4_gconfPM_1

		Value	Count	Percent
Standard Attributes	Position	873		
	Label	A4: Policymakers-Are trustworthy.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.77		
	Standard Deviation	.864		
Labeled Values	1	Not at all	15	7.3%
	2	Just a little	50	24.4%
	3	Some	93	45.4%
	4	Quite a bit	30	14.6%
	5	A great deal	3	1.5%

a4_gconfPM_2

		Value	Count	Percent
Standard Attributes	Position	874		
	Label	A4: Policymakers-Listen to everyone's opinion.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.73		
	Standard Deviation	.927		

Labeled Values	1	Not at all	18	8.8%
	2	Just a little	56	27.3%
	3	Some	80	39.0%
	4	Quite a bit	33	16.1%
	5	A great deal	4	2.0%

a4_gconfPM_3

		Value	Count	Percent
Standard Attributes	Position	875		
	Label	A4: Policymakers-Care about the community they serve.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.21		
	Standard Deviation	.851		
Labeled Values	1	Not at all	6	2.9%
	2	Just a little	28	13.7%
	3	Some	84	41.0%
	4	Quite a bit	66	32.2%
	5	A great deal	7	3.4%

a4_gconfPM_4

		Value	Count	Percent
Standard Attributes	Position	876		
	Label	A4: Policymakers-Are primarily motivated by what will benefit them personally.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.13		
	Standard Deviation	1.028		
Labeled Values	1	Not at all	9	4.4%
	2	Just a little	46	22.4%
	3	Some	65	31.7%
	4	Quite a bit	54	26.3%
	5	A great deal	17	8.3%

a4_gconfPM_5

		Value	Count	Percent
Standard Attributes	Position	877		
	Label	A4: Policymakers-Will do the right thing only if they are punished for doing the wrong thing.		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.97		
	Standard Deviation	1.041		
Labeled Values	1	Not at all	15	7.3%
	2	Just a little	45	22.0%
	3	Some	78	38.0%
	4	Quite a bit	37	18.0%
	5	A great deal	16	7.8%

a4_gconfPM_6

		Value	Count	Percent
Standard Attributes	Position	878		
	Label	A4: Policymakers- Don't really care about the long-term risks of their work.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.38		
	Standard Deviation	1.069		
Labeled Values	1	Not at all	48	23.4%
	2	Just a little	53	25.9%
	3	Some	66	32.2%
	4	Quite a bit	17	8.3%
	5	A great deal	7	3.4%

a4_t11_1

		Value
Standard Attributes	Position	879
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	22.8025
	Standard Deviation	61.22135

a4_t11_2

		Value
Standard Attributes	Position	880
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191

	Missing	14
Central Tendency and Dispersion	Mean	103.2869
	Standard Deviation	442.95162

a4_t11_3

		Value
Standard Attributes	Position	881
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	102.0281
	Standard Deviation	443.14402

a4_t11_4

		Value
Standard Attributes	Position	882
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	13.8063
	Standard Deviation	2.08482

a4chgscipo_1

		Value	Count	Percent
Standard Attributes	Position	883		
	Label	A4: Change feelings about-The scientists responsible for studying and developing nanotechnologies.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.45		
	Standard Deviation	.910		
Labeled Values	1	Not at all	28	13.7%
	2	Just a little	73	35.6%
	3	Some	69	33.7%
	4	Quite a bit	18	8.8%
	5	A great deal	3	1.5%

a4chgscipo_2

		Value	Count	Percent
Standard Attributes	Position	884		

	Label	A4: Change feelings about-The policy makers responsible for making decisions about the funding and regulation of nanotechnologies.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.34		
	Standard Deviation	.897		
Labeled Values	1	Not at all	36	17.6%
	2	Just a little	71	34.6%
	3	Some	69	33.7%
	4	Quite a bit	13	6.3%
	5	A great deal	2	1.0%

a4_t12_1

		Value
Standard Attributes	Position	885
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	15.2714
	Standard Deviation	31.56904

a4_t12_2

		Value
Standard Attributes	Position	886
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	18.7538
	Standard Deviation	32.14983

a4_t12_3

		Value
Standard Attributes	Position	887
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	20.2085
	Standard Deviation	32.45532

a4_t12_4

		Value
Standard Attributes	Position	888
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	2.5026
	Standard Deviation	1.11390

a4_Q8

		Value
Standard Attributes	Position	889
	Label	What do you know? The purpose of the next questions is to find out how much you feel you may have...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_famnano

		Value	Count	Percent
Standard Attributes	Position	890		
	Label	A4: Familiarity with nanotechnology		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.96		
	Standard Deviation	.619		
Labeled Values	1	Not at all familiar	2	1.0%
	2	Slightly familiar	33	16.1%
	3	Somewhat familiar	127	62.0%
	4	Very familiar	28	13.7%
	5	Extremely familiar	1	0.5%

a4_fammed

		Value	Count	Percent
Standard Attributes	Position	891		
	Label	A4: Familiarity with nanotechnology in medical R&D		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		

	Missing	14		
Central Tendency and Dispersion	Mean	3.03		
	Standard Deviation	.648		
Labeled Values	1	Not at all familiar	2	1.0%
	2	Slightly familiar	28	13.7%
	3	Somewhat familiar	126	61.5%
	4	Very familiar	32	15.6%
	5	Extremely familiar	3	1.5%

a4_famgen

		Value	Count	Percent
Standard Attributes	Position	892		
	Label	A4: Familiarity with nanotechnology in genetics R&D		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.01		
	Standard Deviation	.680		
Labeled Values	1	Not at all familiar	2	1.0%
	2	Slightly familiar	35	17.1%
	3	Somewhat familiar	115	56.1%
	4	Very familiar	37	18.0%
	5	Extremely familiar	2	1.0%

a4_t13_1

		Value
Standard Attributes	Position	893
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	10.1152
	Standard Deviation	25.92660

a4_t13_2

		Value
Standard Attributes	Position	894
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	17.2941
	Standard Deviation	28.52488

a4_t13_3

		Value
Standard Attributes	Position	895
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	18.6788
	Standard Deviation	28.59719

a4_t13_4

		Value
Standard Attributes	Position	896
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	3.8220
	Standard Deviation	1.21817

a4_Q9

		Value
Standard Attributes	Position	897
	Label	The following questions are to see how much you have actually learned as a result of working on thes...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

A4know2

		Value	Count	Percent
Standard Attributes	Position	898		
	Label	A4: What is genetic engineering		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.33		
	Standard Deviation	.775		
Labeled Values	1	The changing of the structure of genetic material	155	75.6%
	2	The engineering of new organisms and life forms	18	8.8%

	3	The engineering of electronic devices using genetic materials	9	4.4%
	4	The method by which taxonomists edit transgenic traits	9	4.4%

a4_know2c

		Value	Count	Percent
Standard Attributes	Position	899		
	Label	A4: confidence in answer--genetic engineering		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.43		
	Standard Deviation	1.064		
Labeled Values	1	Not at all	4	2.0%
	2	A little bit	37	18.0%
	3	Moderately	57	27.8%
	4	Mostly	58	28.3%
	5	Completely	35	17.1%

A4know1

		Value	Count	Percent
Standard Attributes	Position	900		
	Label	A4: How many nanometers in 1m		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.40		
	Standard Deviation	1.000		
Labeled Values	1	1,000,000,000,000 (One trillion)	5	2.4%
	2	1,000,000,000 (One billion)	150	73.2%
	3	1,000,000 (One million)	11	5.4%
	4	.000001 (One millionth)	4	2.0%
	5	10-9 (One billionth)	21	10.2%

a4_know1c

		Value	Count	Percent
Standard Attributes	Position	901		

	Label	A4: confidence in answer--number of nanometers in a meter		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.91		
	Standard Deviation	1.173		
Labeled Values	1	Not at all	8	3.9%
	2	A little bit	20	9.8%
	3	Moderately	32	15.6%
	4	Mostly	52	25.4%
	5	Completely	79	38.5%

A4know4

		Value	Count	Percent
Standard Attributes	Position	902		
	Label	A4: Which of these is between 1 and 100 nm		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.48		
	Standard Deviation	1.504		
Labeled Values	1	DNA	89	43.4%
	2	The head of a pin	10	4.9%
	3	A human hair	16	7.8%
	4	DNA base-pairs	63	30.7%
	5	A hydrogen atom	13	6.3%

a4_know4c

		Value	Count	Percent
Standard Attributes	Position	903		
	Label	A4: confidence in answer--item between 1 and 100 nanometers		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.92		
	Standard Deviation	1.114		
Labeled Values	1	Not at all	20	9.8%
	2	A little bit	51	24.9%
	3	Moderately	59	28.8%
	4	Mostly	46	22.4%

	5	Completely	15	7.3%
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a4_know6

		Value	Count	Percent
Standard Attributes	Position	904		
	Label	What are "second order effects" of technology?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.90		
	Standard Deviation	1.398		
Labeled Values	1	Social impacts, or changes in society that result indirectly from the new technology	61	29.8%
	2	Impacts of new technology on the offspring of the individual who was exposed to the technology	12	5.9%
	3	The increase in choices that are available as a result of new technologies	4	2.0%
	4	All of the above	113	55.1%
	5	None of the above	1	0.5%

a4_know6c

		Value	Count	Percent
Standard Attributes	Position	905		
	Label	A4: confidence in answer--second order effects		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.15		
	Standard Deviation	1.138		
Labeled Values	1	Not at all	16	7.8%
	2	A little bit	37	18.0%
	3	Moderately	67	32.7%
	4	Mostly	45	22.0%
	5	Completely	26	12.7%

a4_know7

	Value	Count	Percent
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Standard Attributes	Position	906		
	Label	Which of the following is not a known risk of nanotechnology?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.56		
	Standard Deviation	.971		
Labeled Values	1	Nanomaterials have been shown to be active at the cellular level, which can cause inflammation and even tumors in the lungs.	39	19.0%
	2	The lungs of rats and mice have been damaged in experiments using nano-sized carbon nanotubes.	33	16.1%
	3	Nanomaterials have been shown to interact adversely with skin cells, which have already been shown to cause skin cancer in otherwise healthy humans.	92	44.9%
	4	Iron nanoparticles have been shown to be able to travel with groundwater into soil and remain active for weeks.	27	13.2%

a4_know7c

		Value	Count	Percent
Standard Attributes	Position	907		
	Label	A4: confidence in answer--not a risk of nanotechnology		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.48		
	Standard Deviation	1.104		
Labeled Values	1	Not at all	38	18.5%
	2	A little bit	69	33.7%
	3	Moderately	48	23.4%
	4	Mostly	27	13.2%
	5	Completely	9	4.4%

a4_t14_1

		Value
Standard Attributes	Position	908
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	14.2820
	Standard Deviation	28.41628

a4_t14_2

		Value
Standard Attributes	Position	909
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	154.1620
	Standard Deviation	841.24219

a4_t14_3

		Value
Standard Attributes	Position	910
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	152.5245
	Standard Deviation	841.55180

a4_t14_4

		Value
Standard Attributes	Position	911
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	13.3351
	Standard Deviation	3.84609

a4_Q10

		Value
Standard Attributes	Position	912
	Label	What do you know?
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4TFABC_1_1

		Value	Count	Percent
Standard Attributes	Position	913		
	Label	A4: T/F : This statement is:-The major risks associated with the use of nanomedicine have been identified.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.62		
	Standard Deviation	.486		
Labeled Values	1	True	72	35.1%
	2	False	119	58.0%

a4TFABC_1_2

		Value	Count	Percent
Standard Attributes	Position	914		
	Label	A4: T/F : This statement is:-Materials that are harmless at the macro-level could be harmful at the nano-level.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.11		
	Standard Deviation	.314		
Labeled Values	1	True	170	82.9%
	2	False	21	10.2%

a4TFABC_1_3

		Value	Count	Percent
Standard Attributes	Position	915		
	Label	A4: T/F : This statement is:- Researchers have used nanomedicine technologies to create biological weapons that have already fallen into the wrong hands and are currently being used by organized crime groups.		
	Type	Numeric		

	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.72		
	Standard Deviation	.449		
Labeled Values	1	True	53	25.9%
	2	False	138	67.3%

a4TFABC_1_4

		Value	Count	Percent
Standard Attributes	Position	916		
	Label	A4: T/F : This statement is:-All nanoscale materials can conduct electricity because of their extremely small size.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.51		
	Standard Deviation	.501		
Labeled Values	1	True	93	45.4%
	2	False	98	47.8%

a4TFABC_1_5

		Value	Count	Percent
Standard Attributes	Position	917		
	Label	A4: T/F : This statement is:- Nanoparticles exist naturally in the environment.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.27		
	Standard Deviation	.446		
Labeled Values	1	True	139	67.8%
	2	False	52	25.4%

a4TFABC_1_6

		Value	Count	Percent
Standard Attributes	Position	918		

	Label	A4: T/F : This statement is:-A limitation of nanoparticles is they cannot penetrate into the brain.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.83		
	Standard Deviation	.374		
Labeled Values	1	True	32	15.6%
	2	False	159	77.6%

a4TFABC_1_7

		Value	Count	Percent
Standard Attributes	Position	919		
	Label	A4: T/F : This statement is:- Breakthroughs in nanogenomics already allow very wealthy parents to manipulate the intelligence of their children.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.73		
	Standard Deviation	.444		
Labeled Values	1	True	51	24.9%
	2	False	140	68.3%

a4TFABC_1_8

		Value	Count	Percent
Standard Attributes	Position	920		
	Label	A4: T/F : This statement is:-A good example of a nano-sized object is a red blood cell.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.65		
	Standard Deviation	.477		
Labeled Values	1	True	66	32.2%

	2	False	125	61.0%
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a4TFABC_1_9

		Value	Count	Percent
Standard Attributes	Position	921		
	Label	A4: T/F : This statement is:-The term "human enhancement" includes advancements like curing diseases.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.16		
	Standard Deviation	.370		
Labeled Values	1	True	160	78.0%
	2	False	31	15.1%

a4TFABC_1_10

		Value	Count	Percent
Standard Attributes	Position	922		
	Label	A4: T/F : This statement is:- Liposomes have been used to house and deliver drugs in a way that gets a higher proportion of the drug to the target and less to the rest of the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.15		
	Standard Deviation	.360		
Labeled Values	1	True	162	79.0%
	2	False	29	14.1%

a4TFABC_1_11

		Value	Count	Percent
Standard Attributes	Position	923		
	Label	A4: T/F : This statement is:-Because of their special properties, nanomedicines may be able to reach the brain more effectively than traditional medicines.		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.10		
	Standard Deviation	.300		
Labeled Values	1	True	172	83.9%
	2	False	19	9.3%

a4TFABC_1_12

		Value	Count	Percent
Standard Attributes	Position	924		
	Label	A4: T/F : This statement is:- Currently, it is really hard to predict the potential second order-effects of nano-technology.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.21		
	Standard Deviation	.408		
Labeled Values	1	True	151	73.7%
	2	False	40	19.5%

a4TFABC_1_13

		Value	Count	Percent
Standard Attributes	Position	925		
	Label	A4: T/F : This statement is:- Nanotechnology has already been used to develop materials to improve products such as tennis rackets.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.16		
	Standard Deviation	.370		
Labeled Values	1	True	160	78.0%
	2	False	31	15.1%

a4TFABC_1_14

		Value	Count	Percent
Standard Attributes	Position	926		
	Label	A4: T/F : This statement is:-Biologics (biological medications) may be able to benefit from nanotechnology because nanotechnology may allow for a delivery system that can make smaller doses of biologics possible.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.08		
	Standard Deviation	.278		
Labeled Values	1	True	175	85.4%
	2	False	16	7.8%

a4TFABC_1_15

		Value	Count	Percent
Standard Attributes	Position	927		
	Label	A4: T/F : This statement is:-Although they both deal with biological applications of nanotechnology, there is no overlap between nanogenomic and nanomedicine research.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.87		
	Standard Deviation	.332		
Labeled Values	1	True	24	11.7%
	2	False	167	81.5%

a4TFABC_1_16

		Value	Count	Percent
Standard Attributes	Position	928		

	Label	A4: T/F : This statement is:- Numerous nanotechnology products are already on the market; therefore, research and development in nanotechnology is already affecting economic systems.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.26		
	Standard Deviation	.441		
Labeled Values	1	True	141	68.8%
	2	False	50	24.4%

a4TFABC_1_17

		Value	Count	Percent
Standard Attributes	Position	929		
	Label	A4: T/F : This statement is:-The government currently uses nano-scale devices to monitor people.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.63		
	Standard Deviation	.483		
Labeled Values	1	True	70	34.1%
	2	False	121	59.0%

a4TFABC_1_18

		Value	Count	Percent
Standard Attributes	Position	930		
	Label	A4: T/F : This statement is:-The "second order effects" of nanotechnology can be accurately predicted from "first order effects."		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		

	Missing		14		
Central Tendency and Dispersion	Mean		1.73		
	Standard Deviation		.444		
Labeled Values	1	True		51	24.9%
	2	False		140	68.3%

a4TFABC_1_19

		Value	Count	Percent
Standard Attributes	Position	931		
	Label	A4: T/F : This statement is:-Most traditional pollutant filters are able to catch and stop nanoparticles.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.81		
	Standard Deviation	.392		
Labeled Values	1	True	36	17.6%
	2	False	155	75.6%

a4TFABC_1_20

		Value	Count	Percent
Standard Attributes	Position	932		
	Label	A4: T/F : This statement is:- Liposomes have been used to house and deliver drugs in a way that organs and tissues that are otherwise hard to reach, like the brain, can be reached.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.13		
	Standard Deviation	.332		
Labeled Values	1	True	167	81.5%
	2	False	24	11.7%

a4TFABC_1_21

		Value	Count	Percent
Standard Attributes	Position	933		

	Label	A4: T/F : This statement is:- Nanomaterials in the environment can enter the body; certain nanoparticles have already been shown to interfere with normal bodily processes.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.14		
	Standard Deviation	.349		
Labeled Values	1	True	164	80.0%
	2	False	27	13.2%

a4TFABC_1_22

		Value	Count	Percent
Standard Attributes	Position	934		
	Label	A4: T/F : This statement is:- Nanotechnology is already being used to map the human genome		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.09		
	Standard Deviation	.285		
Labeled Values	1	True	174	84.9%
	2	False	17	8.3%

a4TFABC_1_23

		Value	Count	Percent
Standard Attributes	Position	935		
	Label	A4: T/F : This statement is:-Due to the increased cost of surgical and diagnostic tools, nanotechnology will definitely increase the cost of health care.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		

Central Tendency and Dispersion	Mean	1.62		
	Standard Deviation	.486		
Labeled Values	1	True	72	35.1%
	2	False	119	58.0%

a4TFABC_1_24

		Value	Count	Percent
Standard Attributes	Position	936		
	Label	A4: T/F : This statement is:-One outcome already identified as possible with nanotechnology is innovative diabetes treatments that stimulate insulin production from outside the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.13		
	Standard Deviation	.332		
Labeled Values	1	True	167	81.5%
	2	False	24	11.7%

a4TFABC_1_25

		Value	Count	Percent
Standard Attributes	Position	937		
	Label	A4: T/F : This statement is:-Research at the interface of nanotechnology and biology has been used for seemingly non-biological applications such as the creation of faster computer chips.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.16		
	Standard Deviation	.365		
Labeled Values	1	True	161	78.5%
	2	False	30	14.6%

a4TFABC_2_1

		Value	Count	Percent
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Standard Attributes	Position	938		
	Label	A4: T/F : I am _____ confident in my answer:-The major risks associated with the use of nanomedicine have been identified.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.92		
	Standard Deviation	1.056		
Labeled Values	1	Not at all	15	7.3%
	2	A little bit	54	26.3%
	3	Moderately	68	33.2%
	4	Mostly	39	19.0%
	5	Completely	15	7.3%

a4TFABC_2_2

		Value	Count	Percent
Standard Attributes	Position	939		
	Label	A4: T/F : I am _____ confident in my answer:- Materials that are harmless at the macro-level could be harmful at the nano-level.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.56		
	Standard Deviation	1.242		
Labeled Values	1	Not at all	11	5.4%
	2	A little bit	31	15.1%
	3	Moderately	48	23.4%
	4	Mostly	42	20.5%
	5	Completely	59	28.8%

a4TFABC_2_3

		Value	Count	Percent
Standard Attributes	Position	940		

	Label	A4: T/F : I am _____ confident in my answer:- Researchers have used nanomedicine technologies to create biological weapons that have already fallen into the wrong hands and are currently being used by organized crime groups.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.69		
	Standard Deviation	1.198		
Labeled Values	1	Not at all	36	17.6%
	2	A little bit	50	24.4%
	3	Moderately	59	28.8%
	4	Mostly	29	14.1%
	5	Completely	17	8.3%

a4TFABC_2_4

		Value	Count	Percent
Standard Attributes	Position	941		
	Label	A4: T/F : I am _____ confident in my answer:-All nanoscale materials can conduct electricity because of their extremely small size.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.57		
	Standard Deviation	1.112		
Labeled Values	1	Not at all	36	17.6%
	2	A little bit	56	27.3%
	3	Moderately	67	32.7%
	4	Mostly	19	9.3%
	5	Completely	13	6.3%

a4TFABC_2_5

		Value	Count	Percent
Standard Attributes	Position	942		
	Label	A4: T/F : I am _____ confident in my answer:- Nanoparticles exist naturally in the environment.		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.97		
	Standard Deviation	1.258		
Labeled Values	1	Not at all	21	10.2%
	2	A little bit	58	28.3%
	3	Moderately	49	23.9%
	4	Mostly	31	15.1%
	5	Completely	32	15.6%

a4TFABC_2_6

		Value	Count	Percent
Standard Attributes	Position	943		
	Label	A4: T/F : I am _____ confident in my answer:-A limitation of nanoparticles is they cannot penetrate into the brain.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.98		
	Standard Deviation	1.285		
Labeled Values	1	Not at all	28	13.7%
	2	A little bit	44	21.5%
	3	Moderately	54	26.3%
	4	Mostly	34	16.6%
	5	Completely	31	15.1%

a4TFABC_2_7

		Value	Count	Percent
Standard Attributes	Position	944		
	Label	A4: T/F : I am _____ confident in my answer:- Breakthroughs in nanogenomics already allow very wealthy parents to manipulate the intelligence of their children.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		

Central Tendency and Dispersion	Mean	2.93		
	Standard Deviation	1.158		
Labeled Values	1	Not at all	20	9.8%
	2	A little bit	54	26.3%
	3	Moderately	58	28.3%
	4	Mostly	38	18.5%
	5	Completely	21	10.2%

a4TFABC_2_8

		Value	Count	Percent
Standard Attributes	Position	945		
	Label	A4: T/F : I am confident in my answer:-A good example of a nano-sized object is a red blood cell.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.16		
	Standard Deviation	1.356		
Labeled Values	1	Not at all	23	11.2%
	2	A little bit	47	22.9%
	3	Moderately	44	21.5%
	4	Mostly	31	15.1%
	5	Completely	46	22.4%

a4TFABC_2_9

		Value	Count	Percent
Standard Attributes	Position	946		
	Label	A4: T/F : I am confident in my answer:-The term "human enhancement" includes advancements like curing diseases.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.38		
	Standard Deviation	1.203		
Labeled Values	1	Not at all	14	6.8%
	2	A little bit	31	15.1%
	3	Moderately	56	27.3%
	4	Mostly	48	23.4%
	5	Completely	42	20.5%

a4TFABC_2_10

		Value	Count	Percent
Standard Attributes	Position	947		
	Label	A4: T/F : I am _____ confident in my answer:- Liposomes have been used to house and deliver drugs in a way that gets a higher proportion of the drug to the target and less to the rest of the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.24		
	Standard Deviation	1.242		
Labeled Values	1	Not at all	16	7.8%
	2	A little bit	43	21.0%
	3	Moderately	49	23.9%
	4	Mostly	45	22.0%
	5	Completely	38	18.5%

a4TFABC_2_11

		Value	Count	Percent
Standard Attributes	Position	948		
	Label	A4: T/F : I am _____ confident in my answer:- Because of their special properties, nanomedicines may be able to reach the brain more effectively than traditional medicines.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.32		
	Standard Deviation	1.272		
Labeled Values	1	Not at all	17	8.3%
	2	A little bit	40	19.5%
	3	Moderately	41	20.0%
	4	Mostly	51	24.9%
	5	Completely	42	20.5%

a4TFABC_2_12

		Value	Count	Percent
Standard Attributes	Position	949		

	Label	A4: T/F : I am confident in my answer:- Currently, it is really hard to predict the potential second order- effects of nano- technology.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.94		
	Standard Deviation	1.199		
Labeled Values	1	Not at all	22	10.7%
	2	A little bit	52	25.4%
	3	Moderately	58	28.3%
	4	Mostly	34	16.6%
	5	Completely	25	12.2%

a4TFABC_2_13

		Value	Count	Percent
Standard Attributes	Position	950		
	Label	A4: T/F : I am confident in my answer:- Nanotechnology has already been used to develop materials to improve products such as tennis rackets.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.50		
	Standard Deviation	1.357		
Labeled Values	1	Not at all	17	8.3%
	2	A little bit	36	17.6%
	3	Moderately	36	17.6%
	4	Mostly	38	18.5%
	5	Completely	64	31.2%

a4TFABC_2_14

		Value	Count	Percent
Standard Attributes	Position	951		

	Label	A4: T/F : I am _____ confident in my answer:- Biologics (biological medications) may be able to benefit from nanotechnology because nanotechnology may allow for a delivery system that can make smaller doses of biologics possible.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.28		
	Standard Deviation	1.279		
Labeled Values	1	Not at all	17	8.3%
	2	A little bit	41	20.0%
	3	Moderately	48	23.4%
	4	Mostly	41	20.0%
	5	Completely	44	21.5%

a4TFABC_2_15

		Value	Count	Percent
Standard Attributes	Position	952		
	Label	A4: T/F : I am _____ confident in my answer:- Although they both deal with biological applications of nanotechnology, there is no overlap between nanogenomic and nanomedicine research.		
	Type	Numeric		
	Format	F8		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.21		
	Standard Deviation	1.200		
Labeled Values	1	Not at all	14	6.8%
	2	A little bit	47	22.9%
	3	Moderately	47	22.9%
	4	Mostly	51	24.9%
	5	Completely	32	15.6%

a4TFABC_2_16

		Value	Count	Percent
Standard Attributes	Position	953		

	Label	A4: T/F : I am _____ confident in my answer:- Numerous nanotechnology products are already on the market; therefore, research and development in nanotechnology is already affecting economic systems.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.81		
	Standard Deviation	1.090		
Labeled Values	1	Not at all	23	11.2%
	2	A little bit	53	25.9%
	3	Moderately	66	32.2%
	4	Mostly	36	17.6%
	5	Completely	13	6.3%

a4TFABC_2_17

		Value	Count	Percent
Standard Attributes	Position	954		
	Label	A4: T/F : I am _____ confident in my answer:-The government currently uses nano-scale devices to monitor people.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.69		
	Standard Deviation	1.259		
Labeled Values	1	Not at all	36	17.6%
	2	A little bit	61	29.8%
	3	Moderately	42	20.5%
	4	Mostly	31	15.1%
	5	Completely	21	10.2%

a4TFABC_2_18

		Value	Count	Percent
Standard Attributes	Position	955		

	Label	A4: T/F : I am _____ confident in my answer:-The "second order effects" of nanotechnology can be accurately predicted from "first order effects."		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.88		
	Standard Deviation	1.138		
Labeled Values	1	Not at all	19	9.3%
	2	A little bit	59	28.8%
	3	Moderately	59	28.8%
	4	Mostly	34	16.6%
	5	Completely	20	9.8%

a4TFABC_2_19

		Value	Count	Percent
Standard Attributes	Position	956		
	Label	A4: T/F : I am _____ confident in my answer:-Most traditional pollutant filters are able to catch and stop nanoparticles.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.02		
	Standard Deviation	1.199		
Labeled Values	1	Not at all	19	9.3%
	2	A little bit	50	24.4%
	3	Moderately	59	28.8%
	4	Mostly	35	17.1%
	5	Completely	28	13.7%

a4TFABC_2_20

		Value	Count	Percent
Standard Attributes	Position	957		
	Label	A4: T/F : I am _____ confident in my answer:- Liposomes have been used to house and deliver drugs in a way that organs and tissues that are otherwise hard to reach, like the brain, can be reached.		

	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.13		
	Standard Deviation	1.250		
Labeled Values	1	Not at all	17	8.3%
	2	A little bit	51	24.9%
	3	Moderately	50	24.4%
	4	Mostly	37	18.0%
	5	Completely	36	17.6%

a4TFABC_2_21

		Value	Count	Percent
Standard Attributes	Position	958		
	Label	A4: T/F : I am _____ confident in my answer:- Nanomaterials in the environment can enter the body; certain nanoparticles have already been shown to interfere with normal bodily processes.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.97		
	Standard Deviation	1.167		
Labeled Values	1	Not at all	19	9.3%
	2	A little bit	49	23.9%
	3	Moderately	67	32.7%
	4	Mostly	30	14.6%
	5	Completely	26	12.7%

a4TFABC_2_22

		Value	Count	Percent
Standard Attributes	Position	959		
	Label	A4: T/F : I am _____ confident in my answer:- Nanotechnology is already being used to map the human genome		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
	Valid	191		
	Missing	14		

Central Tendency and Dispersion	Mean	3.43		
	Standard Deviation	1.287		
Labeled Values	1	Not at all	17	8.3%
	2	A little bit	31	15.1%
	3	Moderately	48	23.4%
	4	Mostly	43	21.0%
	5	Completely	52	25.4%

a4TFABC_2_23

		Value	Count	Percent
Standard Attributes	Position	960		
	Label	A4: T/F : I am _____ confident in my answer:-Due to the increased cost of surgical and diagnostic tools, nanotechnology will definitely increase the cost of health care.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.64		
	Standard Deviation	1.051		
Labeled Values	1	Not at all	25	12.2%
	2	A little bit	64	31.2%
	3	Moderately	70	34.1%
	4	Mostly	19	9.3%
	5	Completely	13	6.3%

a4TFABC_2_24

		Value	Count	Percent
Standard Attributes	Position	961		
	Label	A4: T/F : I am _____ confident in my answer:-One outcome already identified as possible with nanotechnology is innovative diabetes treatments that stimulate insulin production from outside the body.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.90		
	Standard Deviation	1.156		
Labeled Values	1	Not at all	23	11.2%
	2	A little bit	50	24.4%
	3	Moderately	61	29.8%

	4	Mostly	38	18.5%
	5	Completely	19	9.3%

a4TFABC_2_25

		Value	Count	Percent
Standard Attributes	Position	962		
	Label	A4: T/F : I am confident in my answer:- Research at the interface of nanotechnology and biology has been used for seemingly non-biological applications such as the creation of faster computer chips.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.86		
	Standard Deviation	1.139		
Labeled Values	1	Not at all	19	9.3%
	2	A little bit	62	30.2%
	3	Moderately	55	26.8%
	4	Mostly	36	17.6%
	5	Completely	19	9.3%

a4_t15_1

		Value
Standard Attributes	Position	963
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	550.7088
	Standard Deviation	6469.47988

a4_t15_2

		Value
Standard Attributes	Position	964
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	808.4521
	Standard Deviation	6511.05615

a4_t15_3

	Value
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Standard Attributes	Position	965
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	727.4983
	Standard Deviation	6474.53289

a4_t15_4

Value		
Standard Attributes	Position	966
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	56.1571
	Standard Deviation	7.93038

a4_traits_1_1

Value			Count	Percent
Standard Attributes	Position	967		
	Label	A4: Delib Citizen : Extent of Agreement-A good citizen should listen to people who disagree with them politically.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.53		
	Standard Deviation	.928		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	4	2.0%
	3	Slightly Disagree	16	7.8%
	4	Slightly Agree	66	32.2%
	5	Agree	80	39.0%
	6	Strongly Agree	24	11.7%

a4_traits_1_2

Value			Count	Percent
Standard Attributes	Position	968		
	Label	A4: Delib Citizen : Extent of Agreement-A good citizen should allow others to challenge their political beliefs.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.48		
	Standard Deviation	1.060		
Labeled Values	1	Strongly Disagree	3	1.5%
	2	Disagree	5	2.4%
	3	Slightly Disagree	21	10.2%
	4	Slightly Agree	60	29.3%
	5	Agree	73	35.6%
	6	Strongly Agree	29	14.1%

a4_traits_1_3

		Value	Count	Percent
Standard Attributes	Position	969		
	Label	A4: Delib Citizen : Extent of Agreement-A good citizen should discuss politics with those who disagree with them.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.27		
	Standard Deviation	1.004		
Labeled Values	1	Strongly Disagree	3	1.5%
	2	Disagree	6	2.9%
	3	Slightly Disagree	22	10.7%
	4	Slightly Agree	85	41.5%
	5	Agree	56	27.3%
	6	Strongly Agree	19	9.3%

a4_traits_1_4

		Value	Count	Percent
Standard Attributes	Position	970		
	Label	A4: Delib Citizen : Extent of Agreement-A good citizen should be willing to justify their political views.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.52		
	Standard Deviation	1.109		
Labeled Values	1	Strongly Disagree	3	1.5%
	2	Disagree	8	3.9%
	3	Slightly Disagree	15	7.3%

	4	Slightly Agree	61	29.8%
	5	Agree	68	33.2%
	6	Strongly Agree	36	17.6%

a4_traits_1_5

		Value	Count	Percent
Standard Attributes	Position	971		
	Label	A4: Delib Citizen : 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	191		
	Missing	14		
Central Tendency and Dispersion	Mean	4.49		
	Standard Deviation	.967		
Labeled Values	1	Strongly Disagree	1	0.5%
	2	Disagree	6	2.9%
	3	Slightly Disagree	16	7.8%
	4	Slightly Agree	69	33.7%
	5	Agree	74	36.1%
	6	Strongly Agree	25	12.2%

a4_traits_1_6

		Value	Count	Percent
Standard Attributes	Position	972		
	Label	A4: Delib Citizen : Extent of Agreement-I follow political and social issues because I want to learn new things.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.85		
	Standard Deviation	1.161		
Labeled Values	1	Strongly Disagree	6	2.9%
	2	Disagree	22	10.7%
	3	Slightly Disagree	33	16.1%
	4	Slightly Agree	72	35.1%
	5	Agree	49	23.9%
	6	Strongly Agree	9	4.4%

a4_traits_1_7

	Value	Count	Percent
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Standard Attributes	Position	973		
	Label	A4: Delib Citizen : Extent of Agreement-I follow political and social issues because that's what I'm expected to do.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.12		
	Standard Deviation	1.104		
Labeled Values	1	Strongly Disagree	10	4.9%
	2	Disagree	49	23.9%
	3	Slightly Disagree	64	31.2%
	4	Slightly Agree	49	23.9%
	5	Agree	15	7.3%
	6	Strongly Agree	4	2.0%

a4_traits_1_8

		Value	Count	Percent
Standard Attributes	Position	974		
	Label	A4: Delib Citizen : Extent of Agreement-I follow political and social issues because it bothers me when I don't.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.10		
	Standard Deviation	1.142		
Labeled Values	1	Strongly Disagree	11	5.4%
	2	Disagree	54	26.3%
	3	Slightly Disagree	55	26.8%
	4	Slightly Agree	49	23.9%
	5	Agree	19	9.3%
	6	Strongly Agree	3	1.5%

a4_traits_1_9

		Value	Count	Percent
Standard Attributes	Position	975		
	Label	A4: Delib Citizen : Extent of Agreement-Being politically and socially conscious is important to who I am.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.61		
	Standard Deviation	1.191		
Labeled Values	1	Strongly Disagree	6	2.9%
	2	Disagree	35	17.1%
	3	Slightly Disagree	38	18.5%
	4	Slightly Agree	69	33.7%
	5	Agree	35	17.1%
	6	Strongly Agree	8	3.9%

a4_traits_1_10

		Value	Count	Percent
Standard Attributes	Position	976		
	Label	A4: Delib Citizen : Extent of Agreement-I follow political and social issues because that's what I'm supposed to do.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.18		
	Standard Deviation	1.128		
Labeled Values	1	Strongly Disagree	12	5.9%
	2	Disagree	42	20.5%
	3	Slightly Disagree	62	30.2%
	4	Slightly Agree	54	26.3%
	5	Agree	17	8.3%
	6	Strongly Agree	4	2.0%

a4_traits_1_11

		Value	Count	Percent
Standard Attributes	Position	977		
	Label	A4: Delib Citizen : Extent of Agreement-I follow political and social issues because I will feel bad about myself if I don't.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.84		
	Standard Deviation	1.105		
Labeled Values	1	Strongly Disagree	15	7.3%
	2	Disagree	70	34.1%

	3	Slightly Disagree	52	25.4%
	4	Slightly Agree	43	21.0%
	5	Agree	7	3.4%
	6	Strongly Agree	4	2.0%

a4_traits_1_12

		Value	Count	Percent
Standard Attributes	Position	978		
	Label	A4: Delib Citizen : Extent of Agreement-I follow political and social issues because I think it's important.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.85		
	Standard Deviation	1.220		
Labeled Values	1	Strongly Disagree	4	2.0%
	2	Disagree	29	14.1%
	3	Slightly Disagree	33	16.1%
	4	Slightly Agree	65	31.7%
	5	Agree	46	22.4%
	6	Strongly Agree	14	6.8%

a4_traits_1_13

		Value	Count	Percent
Standard Attributes	Position	979		
	Label	A4: Delib Citizen : Extent of Agreement- People like me don't have any say about what the government does.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.82		
	Standard Deviation	1.227		
Labeled Values	1	Strongly Disagree	28	13.7%
	2	Disagree	55	26.8%
	3	Slightly Disagree	50	24.4%
	4	Slightly Agree	44	21.5%
	5	Agree	9	4.4%
	6	Strongly Agree	5	2.4%

a4_traits_1_14

		Value	Count	Percent
Standard Attributes	Position	980		

	Label	A4: Delib Citizen : 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	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.37		
	Standard Deviation	1.202		
Labeled Values	1	Strongly Disagree	12	5.9%
	2	Disagree	36	17.6%
	3	Slightly Disagree	50	24.4%
	4	Slightly Agree	60	29.3%
	5	Agree	28	13.7%
	6	Strongly Agree	5	2.4%

a4_traits_1_15

		Value	Count	Percent
Standard Attributes	Position	981		
	Label	A4: Delib Citizen : Extent of Agreement-I consider myself well- qualified to participate in politics.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.20		
	Standard Deviation	1.186		
Labeled Values	1	Strongly Disagree	14	6.8%
	2	Disagree	44	21.5%
	3	Slightly Disagree	50	24.4%
	4	Slightly Agree	59	28.8%
	5	Agree	20	9.8%
	6	Strongly Agree	4	2.0%

a4_traits_1_16

		Value	Count	Percent
Standard Attributes	Position	982		
	Label	A4: Delib Citizen : Extent of Agreement-I think that I am better informed about political and social issues than other students.		
	Type	Numeric		
	Format	F8		

	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.45		
	Standard Deviation	1.204		
Labeled Values	1	Strongly Disagree	7	3.4%
	2	Disagree	40	19.5%
	3	Slightly Disagree	48	23.4%
	4	Slightly Agree	61	29.8%
	5	Agree	26	12.7%
	6	Strongly Agree	9	4.4%

a4_traits_1_17

		Value	Count	Percent
Standard Attributes	Position	983		
	Label	A4: Delib Citizen : Extent of Agreement-I feel I have a pretty good understanding of current political and social issues facing my world.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.67		
	Standard Deviation	1.120		
Labeled Values	1	Strongly Disagree	6	2.9%
	2	Disagree	25	12.2%
	3	Slightly Disagree	44	21.5%
	4	Slightly Agree	73	35.6%
	5	Agree	37	18.0%
	6	Strongly Agree	6	2.9%

a4_traits_1_18

		Value	Count	Percent
Standard Attributes	Position	984		
	Label	A4: Delib Citizen : Extent of Agreement-I consider myself well qualified to provide input on political and social issues.		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.47		
	Standard Deviation	1.137		
Labeled Values	1	Strongly Disagree	6	2.9%

	2	Disagree	37	18.0%
	3	Slightly Disagree	47	22.9%
	4	Slightly Agree	69	33.7%
	5	Agree	26	12.7%
	6	Strongly Agree	6	2.9%

a4_t16_1

		Value
Standard Attributes	Position	985
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	188.7938
	Standard Deviation	1882.83181

a4_t16_2

		Value
Standard Attributes	Position	986
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	282.8956
	Standard Deviation	1892.36251

a4_t16_3

		Value
Standard Attributes	Position	987
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	281.2815
	Standard Deviation	1892.75422

a4_t16_4

		Value
Standard Attributes	Position	988
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	21.1571
	Standard Deviation	3.00288

a4_Q11

		Value
Standard Attributes	Position	989

	Label	At the beginning of the semester, you saw this text: Are changes needed in biology education?...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4ELSIchgm

		Value	Count	Percent
Standard Attributes	Position	990		
	Label	A4: Change mind ELSI		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.14		
	Standard Deviation	1.008		
Labeled Values	1	Not at all	64	31.2%
	2	Just a little	55	26.8%
	3	Some	55	26.8%
	4	Quite a bit	15	7.3%
	5	A great deal	2	1.0%

a4_ppben

		Value	Count	Percent
Standard Attributes	Position	991		
	Label	A4: Public participation beneficial?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	2.83		
	Standard Deviation	1.012		
Labeled Values	1	Not at all	22	10.7%
	2	Just a little	42	20.5%
	3	Some	81	39.5%
	4	Quite a bit	38	18.5%
	5	A great deal	8	3.9%

a4_learn

		Value	Count	Percent
Standard Attributes	Position	992		

	Label	A4: How much did you learn?		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	3.23		
	Standard Deviation	.870		
Labeled Values	1	Nothing I didn't know before	5	2.4%
	2	Just a little	28	13.7%
	3	Some	88	42.9%
	4	Quite a bit	58	28.3%
	5	A great deal	12	5.9%

a4_t17_1

		Value
Standard Attributes	Position	993
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	771.0406
	Standard Deviation	8181.44146

a4_t17_2

		Value
Standard Attributes	Position	994
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	928.8976
	Standard Deviation	8190.89232

a4_t17_3

		Value
Standard Attributes	Position	995
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	929.3473
	Standard Deviation	8191.14214

a4_t17_4

		Value
Standard Attributes	Position	996

	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	6.6126
	Standard Deviation	5.10280

a4_Q12

Standard Attributes	Value	
	Position	997
	Label	Consent - revisited (please read) Speaking of democracy, deliberation and public input...Remember...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_t18_1

Standard Attributes	Value	
	Position	998
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.2796
	Standard Deviation	4.57396

a4_t18_2

Standard Attributes	Value	
	Position	999
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.5924
	Standard Deviation	5.28097

a4_t18_3

Standard Attributes	Value	
	Position	1000
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	13.6487
	Standard Deviation	11.77830

a4_t18_4

Value		
Standard Attributes	Position	1001
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	.3298
	Standard Deviation	1.11502

a4_Q13

Value		
Standard Attributes	Position	1002
	Label	Identification of Project: Developing a Social-Cognitive, Multilevel, Empirically-Based Mo...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_consent

		Value	Count	Percent
Standard Attributes	Position	1003		
	Label	A4: Consent		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	205		
	Missing	0		
Central Tendency and Dispersion	Mean	-5.83		
	Standard Deviation	25.286		
Labeled Values	1	Yes	191	93.2%
	2	No	0	0.0%

a4_t19_1

Value		
Standard Attributes	Position	1004
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	189
	Missing	16
Central Tendency and Dispersion	Mean	9.1138
	Standard Deviation	13.53930

a4_t19_2

Value		
Standard Attributes	Position	1005
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	189
	Missing	16
Central Tendency and Dispersion	Mean	9.7676
	Standard Deviation	13.76869

a4_t19_3

Value		
Standard Attributes	Position	1006
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	189
	Missing	16
Central Tendency and Dispersion	Mean	12.5285
	Standard Deviation	14.31251

a4_t19_4

Value		
Standard Attributes	Position	1007
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	189
	Missing	16
Central Tendency and Dispersion	Mean	1.1746
	Standard Deviation	.50126

a4_Q14

Value		
Standard Attributes	Position	1008
	Label	Finally, on this last page of the assignment, please provide us with some feedback as to your work a...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4dataqual

		Value	Count	Percent
Standard Attributes	Position	1009		

	Label	A4: Honest answers		
	Type	Numeric		
	Format	F8		
	Measurement	Scale		
N	Valid	191		
	Missing	14		
Central Tendency and Dispersion	Mean	1.15		
	Standard Deviation	.592		
Labeled Values	1	Yes, my answers reflect my honest answers to the questions in the assignment	176	85.9%
	2	No, I answered the questions randomly	8	3.9%
	3	No, I felt like I should answer in a certain way, so I gave those answers instead of my honest responses	0	0.0%
	4	Other (Please explain)	7	3.4%

a4dataqual_TEXT

		Value	Count	Percent
Standard Attributes	Position	1010		
	Label	A4: Honest answers-TEXT		
	Type	String		
	Format	A32767		
	Measurement	Nominal		
Valid Values			198	96.6%
	assignment 1-3 are my honest answers. assignment 4 was random because I was pressed for time.		1	0.5%
	I didn't give my honest answers in all the questions because I was pressed for time.		1	0.5%
	Some of the questions were boring and I did not read thoroughly		1	0.5%
	some sections i focused on more than others.		1	0.5%
	Sometimes I answered honestly, especially with written things and sometimes, with clicking the bubbles, I got bored and answered randomly		1	0.5%
	The forced, graded aspect of this assignment made me answer quickly and apathetically.		1	0.5%
	yes and no		1	0.5%

a4_t20_1

		Value
Standard Attributes	Position	1011
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14

Central Tendency and Dispersion	Mean	8.6383
	Standard Deviation	17.23391

a4_t20_2

		Value
Standard Attributes	Position	1012
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	63.2561
	Standard Deviation	71.86022

a4_t20_3

		Value
Standard Attributes	Position	1013
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	73.3198
	Standard Deviation	75.90112

a4_t20_4

		Value
Standard Attributes	Position	1014
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	191
	Missing	14
Central Tendency and Dispersion	Mean	4.7068
	Standard Deviation	5.96021

a4_Q15

		Value
Standard Attributes	Position	1015
	Label	THANK YOU! Click continue to submit your assignment. After submitting, a copy of your work will...
	Type	Numeric
	Format	F8
	Measurement	Scale
N	Valid	190
	Missing	15
Central Tendency and Dispersion	Mean	1.00
	Standard Deviation	.000

a4_t21_1

		Value
--	--	-------

Standard Attributes	Position	1016
	Label	Timing-First Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	190
	Missing	15
Central Tendency and Dispersion	Mean	106.4053
	Standard Deviation	991.49423

a4_t21_2

Value		
Standard Attributes	Position	1017
	Label	Timing-Last Click
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	190
	Missing	15
Central Tendency and Dispersion	Mean	181.0973
	Standard Deviation	1286.79359

a4_t21_3

Value		
Standard Attributes	Position	1018
	Label	Timing-Page Submit
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	190
	Missing	15
Central Tendency and Dispersion	Mean	825.0537
	Standard Deviation	5513.03515

a4_t21_4

Value		
Standard Attributes	Position	1019
	Label	Timing-Click Count
	Type	Numeric
	Format	F8.2
	Measurement	Scale
N	Valid	190
	Missing	15
Central Tendency and Dispersion	Mean	.6737
	Standard Deviation	2.23224

modname_anon

		Value	Count	Percent
Standard Attributes	Position	1020		
	Label	<none>		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	1.00		25	12.2%
	2.00		10	4.9%

	3.00		17	8.3%
	4.00		12	5.9%
	5.00		11	5.4%
	6.00		12	5.9%
	7.00		13	6.3%
Missing Values	-99.00		105	51.2%

reci_instructor_anon

		Value	Count	Percent
Standard Attributes	Position	1021		
	Label	<none>		
	Type	Numeric		
	Format	F8.2		
	Measurement	Nominal		
Valid Values	1.00		34	16.6%
	2.00		43	21.0%
	3.00		40	19.5%
	4.00		39	19.0%
	5.00		37	18.0%
Missing Values	-99.00		12	5.9%