

Supplemental Table S1. Mean Percent Body Weight Change (%; [95% CI]) comparing Control and Intervention Participants - Treatment Received Analysis

|                                 | 3 Months             |                      |                   | 6 Months             |                      |                   | 12 Months            |                      |                    |
|---------------------------------|----------------------|----------------------|-------------------|----------------------|----------------------|-------------------|----------------------|----------------------|--------------------|
|                                 | C <sup>a</sup>       | I <sup>a</sup>       | Diff              | C <sup>a</sup>       | I <sup>a</sup>       | Diff              | C <sup>a</sup>       | I <sup>a</sup>       | Diff               |
| Race and Ethnicity <sup>b</sup> |                      |                      |                   |                      |                      |                   |                      |                      |                    |
| NH Black                        | -1.0<br>[-1.4, -0.5] | -2.9<br>[-3.3, -2.5] | 2.0<br>[1.3, 2.6] | -1.8<br>[-2.9, -0.8] | -3.6<br>[-4.2, -3.0] | 1.7<br>[0.6, 2.8] | -0.2<br>[-1.8, 1.5]  | -2.9<br>[-3.8, -1.9] | 2.7<br>[0.8, 4.6]  |
| Hispanic/Latine                 | -1.5<br>[-3.1, 0.07] | -3.9<br>[-4.8, -3.1] | 2.4<br>[0.7, 4.1] | -0.9<br>[-1.8, 0.03] | -6.1<br>[-7.7, -4.5] | 5.2<br>[3.3, 7.1] | -0.1<br>[-1.3, 1.3]  | -2.9<br>[-4.4, -1.3] | 2.9<br>[0.9, 4.9]  |
| Other                           | 0.1<br>[-1.1, 1.2]   | -3.5<br>[-4.4, -2.6] | 3.6<br>[1.9, 5.2] | -2.1<br>[-4.5, 0.3]  | -5.1<br>[-6.4, -3.7] | 3.0<br>[0.4, 5.5] | -0.4<br>[-2.3, 1.5]  | -3.4<br>[-6.3, -0.5] | 3.0<br>[-0.3, 6.3] |
| NH White                        | -2.2<br>[-2.6, -1.7] | -5.2<br>[-5.5, -5.0] | 3.1<br>[2.6, 3.6] | -2.7<br>[-3.8, -1.6] | -6.8<br>[-7.2, -6.4] | 4.0<br>[3.1, 5.0] | -1.4<br>[-2.5, -0.7] | -6.0<br>[-6.9, 5.0]  | 4.3<br>[3.0, 5.7]  |
| Income                          |                      |                      |                   |                      |                      |                   |                      |                      |                    |
| <\$50k                          | -1.9<br>[-2.7, -1.2] | -4.2<br>[-4.6, -3.8] | 2.2<br>[1.5, 3.0] | -2.0<br>[-2.8, -1.1] | -5.7<br>[-6.3, -5.1] | 3.7<br>[2.7, 4.8] | -1.1<br>[-2.0, -0.3] | -5.2<br>[-6.1, -4.2] | 4.0<br>[2.7, 5.3]  |
| >=\$50k                         | -1.7<br>[-2.2, -1.2] | -5.1<br>[-5.4, -4.8] | 3.4<br>[2.8, 4.0] | -1.6<br>[-2.3, -1.0] | -6.4<br>[-6.8, -6.0] | 4.8<br>[4.0, 5.6] | -1.6<br>[-2.4, -0.8] | -5.8<br>[-6.8, -4.6] | 4.1<br>[2.8, 5.5]  |
| Education                       |                      |                      |                   |                      |                      |                   |                      |                      |                    |
| HS grad or less                 | -2.3<br>[-3.5, -1.1] | -4.4<br>[-5.2, -3.5] | 2.1<br>[0.7, 3.5] | -1.6<br>[-2.4, -0.9] | -6.5<br>[-7.9, -5.1] | 4.9<br>[3.1, 6.6] | -0.7<br>[-2.9, 1.7]  | -5.2<br>[-7.2, -3.2] | 4.6<br>[1.6, 7.6]  |
| Some college/Trade              | -1.4<br>[-1.9, -0.8] | -4.5<br>[-5.0, -4.1] | 3.2<br>[2.5, 3.9] | -2.0<br>[-2.9, -1.1] | -5.8<br>[-6.5, -5.1] | 3.8<br>[2.7, 4.9] | -1.4<br>[-2.4, -0.4] | -4.9<br>[-6.0, -3.8] | 3.5<br>[2.0, 5.0]  |
| College grad                    | -1.9<br>[-2.7, -1.1] | -4.7<br>[-5.1, -4.3] | 2.8<br>[2.0, 3.6] | -2.2<br>[-3.4, -1.1] | -6.9<br>[-7.5, -6.2] | 4.7<br>[3.4, 5.9] | -1.7<br>[-2.7, -0.8] | -5.5<br>[-6.7, -4.2] | 3.7<br>[2.2, 5.3]  |
| Prof/Grad degree                | -1.8<br>[-2.4, -1.2] | -5.3<br>[-5.7, -4.9] | 3.5<br>[2.8, 4.3] | -1.8<br>[-2.5, -1.1] | -6.5<br>[-7.1, -5.9] | 4.7<br>[3.7, 5.8] | -1.7<br>[-2.8, -0.6] | -5.3<br>[-6.4, -4.2] | 3.6<br>[2.1, 5.2]  |

<sup>a</sup>C=Control; I=Intervention; all t-tests are two-tailed.

<sup>b</sup>Within racial groups, all intervention participants lost significantly greater percent weight than controls at p<.05 except for the “other race” group at 12 months

Supplemental Table S2. Weight Change Outcomes among Participants Receiving a WW intervention – -  
Treatment Received Analysis

|                  | 3 Months |                                                         |  | 6 Months |                                                         |  | 12 Months |                                                         |  |
|------------------|----------|---------------------------------------------------------|--|----------|---------------------------------------------------------|--|-----------|---------------------------------------------------------|--|
|                  | N        | Adj. Odds of 5%<br>Weight Loss <sup>a</sup><br>[95% CI] |  | N        | Adj. Odds of 5%<br>Weight Loss <sup>a</sup><br>[95% CI] |  | N         | Adj. Odds of 5%<br>Weight Loss <sup>a</sup><br>[95% CI] |  |
| Race & Ethnicity |          |                                                         |  |          |                                                         |  |           |                                                         |  |
| NH Black         | 269      | 0.45<br>[0.30, 0.68]                                    |  | 291      | 0.41<br>[0.28, 0.61]                                    |  | 148       | 1.34<br>[0.37, 4.89]                                    |  |
| Hispanic/Latine  | 87       | 0.69<br>[0.36, 1.32]                                    |  | 89       | 1.11<br>[0.59, 2.08]                                    |  | 46        | 0<br>[0,0]                                              |  |
| Other            | 70       | 0.76<br>[0.42, 1.37]                                    |  | 68       | 0.85<br>[0.47, 1.54]                                    |  | 29        | 0.99<br>[0.21, 4.76]                                    |  |
| NH White         | 994      | ref                                                     |  | 1,060    | ref                                                     |  | 366       | ref                                                     |  |
| Income           |          |                                                         |  |          |                                                         |  |           |                                                         |  |
| <\$50k           | 461      | ref                                                     |  | 485      | ref                                                     |  | 241       | ref                                                     |  |
| >=\$50k          | 784      | 1.13<br>[0.80, 1.60]                                    |  | 855      | 0.98<br>[0.70, 1.37]                                    |  | 216       | 0.94<br>[0.32, 2.73]                                    |  |
| Education        |          |                                                         |  |          |                                                         |  |           |                                                         |  |
| HS grad or less  | 99       | ref                                                     |  | 99       | ref                                                     |  | 67        | ref                                                     |  |

|                    |     |                      |  |     |                      |  |     |                      |  |
|--------------------|-----|----------------------|--|-----|----------------------|--|-----|----------------------|--|
| Some college/Trade | 340 | 1.54<br>[0.79, 3.01] |  | 366 | 1.00<br>[0.49, 2.07] |  | 187 | 1.55<br>[0.24, 9.86] |  |
| College grad       | 404 | 1.22<br>[0.62, 2.37] |  | 405 | 1.28<br>[0.66, 2.47] |  | 164 | 0.77<br>[0.15, 3.88] |  |
| Prof/Grad degree   | 345 | 1.15<br>[0.60, 2.20] |  | 405 | 1.09<br>[0.56, 2.12] |  | 133 | 0.95<br>[0.18, 4.9]  |  |

<sup>a</sup>Odds ratios are from a model adjusted for age, sex, and baseline weight, accounting for clustering by study; no tests for multiple comparisons were performed.