

Appendix Table A1. Baseline characteristics of entire medical history before index date, among those with stable weight through the initial 6 month weight change period.

| | Maintained through 2 years (N = 59,970) | Cyclers through 2 years (N= 88,228) | P-value |
|---|---|--|---------|
| Age (years), mean (SD) | 58.5 (13.6) | 55.7 (14.7) | <0.001* |
| Male, n (%) | 24,097 (40.2) | 30,388 (34.4) | <0.001* |
| Race, n (%) | | | |
| White | 39,393 (65.7) | 58,381 (66.2) | <0.001* |
| Black | 6,283 (10.5) | 8,983 (10.2) | |
| Asian | 547 (0.9) | 544 (0.6) | |
| Hispanic | 1,231 (2.1) | 1,831 (2.1) | |
| Other | 598 (1.0) | 939 (1.1) | |
| Unknown | 11,918 (19.9) | 17,550 (19.9) | |
| Geographic region, n (%) | | | |
| Midwest | 11,749 (19.6) | 17,975 (20.4) | <0.001* |
| Northeast | 15,864 (26.5) | 22,801 (25.8) | |
| South | 22,310 (37.2) | 31,730 (36.0) | |
| West | 10,047 (16.8) | 15,722 (17.8) | |
| Index BMI (kg/m ²), mean (SD) | 35.2 (5.5) | 35.7 (6.0) | <0.001* |
| Comorbidities related to obesity, n (%) | | | |
| Hypertension | 14,157 (23.6) | 20,087 (22.8) | <0.001* |
| Cardiovascular disease | 17,363 (29.0) | 24,804 (28.1) | <0.001* |
| Dyslipidemia | 12,005 (20.0) | 16,386 (18.6) | <0.001* |
| Diabetes and related comorbidities | 8,144 (13.6) | 12,279 (13.9) | 0.065 |
| Sleep apnea | 1,107 (1.8) | 1,854 (2.1) | <0.001* |
| Obstructive sleep apnea | 423 (0.7) | 717 (0.8) | 0.020* |

* P-value < 0.05. BMI = body mass index; SD = standard deviation.