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| Supplementary Table 2. Subgroup analyses of total and LDL-C cholesterol by adiposity measures \* |
|  |  | Mac | Control | Mac - Control |  |
|  |  | Mean | SE | Mean | SE | Mean Difference | SED | P-value  | 95% CI of diff | P-Value of Interaction |
| Cholesterol mg/dL | BMI < 30 kg/m2 † | 192.0 | 7.1 | 204.1 | 7.1 | -12.1 | 7.0 | 0.1 | -26.4, 2.2 | 0.125 |
|  | BMI ≥ 30 kg/m2 | 202.5 | 7.3 | 198.7 | 7.3 | 3.8 | 7.2 | 0.6 | -10.9, 18.5 |
| LDL-C mg/dL | BMI < 30 kg/m2 | 109.0 | 6.9 | 121.2 | 6.9 | -12.3 | 6.4 | 0.1 | -25.3, 0.8 | 0.102 |
|  | BMI ≥ 30 kg/m2 | 119.8 | 7.1 | 116.6 | 7.1 | 3.2 | 6.6 | 0.6 | -10.2, 16.5 |
| Cholesterol mg/dL | Body fat < 43 % ‡ | 192.9 | 7.1 | 200.6 | 7.1 | -7.7 | 7.2 | 0.3 | -22.5, 7.0 | 0.505 |
|  | Body fat ≥ 43% | 201.6 | 7.3 | 202.3 | 7.3 | -0.7 | 7.4 | 0.9 | -15.9, 14.4 |
| LDL-C mg/dL | Body fat < 43% | 109.4 | 6.9 | 119.0 | 6.9 | -9.6 | 6.6 | 0.2 | -22.9, 3.8 | 0.298 |
|  | Body fat ≥ 43% | 119.3 | 7.1 | 118.9 | 7.1 | 0.4 | 6.7 | 1.0 | -13.3, 14.1 |
| Cholesterol mg/dL | WC < 108 cm § | 195.4 | 7.1 | 201.1 | 6.9 | -5.7 | 7.2 | 0.4 | -20.35, 9.0 | 0.794 |
|  | WC ≥ 108 cm | 198.9 | 7.3 | 201.8 | 7.5 | -2.9 | 7.6 | 0.7 | -18.5, 12.7 |
| LDL-C mg/dL | WC < 108 cm | 109.5 | 6.9 | 118.1 | 6.7 | -8.5 | 6.5 | 0.2 | -21.8, 4.7 | 0.428 |
|  | WC ≥ 108 cm | 119.2 | 7.1 | 120.0 | 7.3 | -0.9 | 6.9 | 0.9 | -14.9, 13.2 |
| Mac, macadamia nut. SE, standard error. SED, Standard error of the difference. WC, waist circumference. \* Mixed model regression controlled for sequence and period.† BMI < 30: n=18; BMI ≥ 30: n=17.‡ %Body fat < 43%: n= 18; %Body fat ≥ 43: n= 17.§ WC < 108cm: n= 19; WC ≥ 108: n= 16.  |