|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table S3.** Effects of intervention on the change in body composition between baseline and 6 weeks of ARTfor patients a who had body composition assessed by all three methods (ADP, BIA and D2O) | | | | | | | | |
|  | **Change (95% CI)a** | | | | **Difference between arms (95% CI)b** | **P** | **Adjusted difference between arms (95% CI)c** | **P** |
|  | LNS | | LNS-VM | |  |  |  |  |
|  | N | Mean (95% CI) | N | Mean (95% CI) |  |  |  |  |
| Fat mass (kg) |  |  |  |  |  |  |  |  |
| Total by D2O | 22 | 1.6 (0.5, 2.8) | 15 | 1.5 (0.5, 2.5) | -0.1 (-1.8, 1.4) | 0.87 | -0.2 (-2.0, 1.6) | 0.82 |
| Total by ADP | 22 | 1.0 (-0.03, 2.0) | 15 | 1.9 (0.8, 2.9) | 0.9 (-07, 2.4) | 0.25 | 1.2 (-0.4, 2.7) | 0.14 |
| Total by BIA | 22 | 0.6 (-0.4, 1.6) | 15 | 1.3 (-0.04, 2.5) | 0.7 (-0.9, 2.3) | 0.41 | 0.7 (-1.1, 2.5) | 0.44 |
| Truncal | 22 | 0.2 (-0.4, 0.8) | 15 | 0.5 (-03, 1.3) | 0.3 (-0.7, 1.3) | 0.51 | 0.3 (-0.7, 1.4) | 0.51 |
| Limb | 22 | 0.4 (0.03, 0.8) | 15 | 0.7 (0.3, 1.1) | 0.3 (-0.2, 0.8) | 0.29 | 0.3 (-0.3, 0.9) | 0.38 |
|  |  |  |  |  |  |  |  |  |
| Fat-free mass (kg) |  |  |  |  |  |  |  |  |
| Total by D2O | 22 | 1.4 (1.3, 2.5) | 15 | 1.9 (0.7, 3.3) | 0.6 (-1.2, 2.3) | 0.52 | 0.8 (-1.1, 2.7) | 0.38 |
| Total by ADP | 22 | 2.0 (1.2, 2.8) | 15 | 1.9 (0.9, 2.9) | -0.1 (-1.4, 1.1) | 0.81 | -0.2 (-1.6, 1.2) | 0.78 |
| Total by BIA | 22 | 2.7 (1.5, 3.9) | 15 | 2.6 (1.4, 3.7) | -0.2 (-1.8, 1.5) | 0.84 | 0.01 (-1.8, 1.8) | 0.99 |
| Truncal | 22 | 1.6 (0.9, 2.2) | 15 | 1.7 (1.0, 2.3) | 0.03 (-0.9, 0.9) | 0.94 | 0.1 (-0.9, 1.1) | 0.79 |
| Limb | 22 | 1.1 (0.6, 0.7) | 15 | 1.0 (0.6, 1.4) | -0.1 (-0.9, 0.6) | 0.72 | -0.03 (-0.8, 0.8) | 0.95 |
| ART, antiretroviral therapy; ADP, air displacement plethysmography; BIA, bioelectrical impedance; D2O, deuterium dilution method; LNS, Lipid nutritional supplement; LNS-VM, Lipid nutritional supplement with vitamins and minerals  a Change between baseline and 6 weeks of ART  b Difference between change over time, adjusted for age and sex  c Difference between change over time, adjusted for age, sex, baseline CD4, baseline body mass index and socioeconomic status | | | | | | | | |