Supplementary Table 1: Comparison of absolute nutrient intakes estimated from first and second 24 hour recalls

|  |  |
| --- | --- |
|   | Absolute Nutrient Intakes |
|  | n = 188 |
| **MACRONUTRIENTS** | Median differenceb | P value |   |
| Energy (kcal) | -18.5 | 0.10 |  |
| Carbohydrate (g) | -1.8 | 0.28 |  |
| Total Fat (g) | -0.2 | 0.07 |  |
| Saturated fat (g) | -0.2 | 0.09 |  |
| Protein (g) | -2.6 | 0.03 | \* |
| **MICRONUTRIENTS** |  |   |   |
| Beta-carotene (ug)a | 3 | 0.39 |  |
| Calcium (mg) | 21.5 | 0.07 |  |
| Cholesterol (mg)a | -9.45 | 0.00 | \* |
| Fibre (g) | -0.45 | 0.01 | \*\* |
| Iron (mg) | 0.22 | 0.37 |  |
| Sodium (mg) | -47.5 | 0.02 | \* |
| Vitamin A (ug) | 12.5 | 0.79 |   |
| a Number of missing values for 24 Hour Recall: n = 186 for 'Beta-carotene' and n = 185 for 'Cholesterol' |
| b Median of differences in absolute nutrient intakes between first 24HR and second 24HR (first 24H-second24HR) |
| \*, P < 0.05; \*\*, P < 0.01; P values were determined with the use of Wilcoxon signed-rank test |

Supplementary Table 2: Bland-Altman statistics for absolute nutrient intakes

|  |  |
| --- | --- |
|   | Absolute Nutrient Intakes |
|  | n = 188 |
| **MACRONUTRIENTS** | Mean Difference (đ)b |   | Percentage of participants outside of LoAc (%) |
| Energy (kcal) | 225 |  | 6.4 |
| Carbohydrate (g) | 27 |  | 5.3 |
| Total Fat (g) | 7 |  | 3.7 |
| Saturated fat (g) | 2.3 |  | 5.3 |
| Protein (g) | 11 |  | 6.9 |
| **MICRONUTRIENTS** |   |   |   |
| Beta-Carotene (ug)a | 1286 |   | 6.5 |
| Calcium (mg) | 97 |  | 5.9 |
| Cholesterol (mg)a | 35.2 |  | 3.2 |
| Fibre (g) | 2.6 |  | 4.8 |
| Iron (mg) | 2.0 |  | 5.9 |
| Sodium (mg) | 244 |  | 3.7 |
| Vitamin A (ug) | -13 |   | 6.4 |
| a Number of missing values for 24 Hour Recall: n = 186 for 'Beta-carotene' and n = 185 for 'Cholesterol' |
| b đ is mean difference of nutrients intakes estimated between FFQ and averaged 24HRs |
| c The Limits of Agreement (LoA) is estimated by đ ± 1.96 SD of the differences in nutrient intake between FFQ and 24HR |

Supplementary Figure 1

