Table 1. Mean/median daily nutrient intakes according to three-day diet record and quantitative food frequency questionnaire. Bland-Altman limits of agreements, Pearson’s correlation coefficients and Lin’s concordance coefficients between three-day diet record and quantitative food frequency questionnaire. Data as reported by caregivers of five-year-old children from
the Growing Up in Singapore Towards healthy Outcomes cohort (n = 361).

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| --- | --- | --- | --- | --- | --- | --- |
| Nutrientsa | Diet recordb | Food frequency questionnaireb | Bland-Altmanlimits of agreementsc | Crude Pearson’s correlation (95% CI)c | Energy-adjusted Pearson’s correlation (95% CI)c | Lin’s concordance (95%CI)c |
| Lower | Upper |
| Calcium (mg) |  584 (422-789) |  623 (426-884) | -384 | 491 | 0.69 (0.63-0.74) | 0.71 (0.65-0.76) | 0.69 (0.64-0.75) |
| Fibre (g) |  7.8 (5.8-10.2) |  8.9 (6.5-12.2) | -4.1 | 6.7 | 0.48 (0.40-0.56) | 0.58 (0.51-0.64) | 0.53 (0.46-0.60) |
| Saturated Fat (g) |  13.0 (9.4-17.1) |  14.9 (10.8-20.8) | -6.6 | 10.8 | 0.47 (0.38-0.55) | 0.53 (0.45-0.60) | 0.48 (0.40-0.55) |
| Polyunsaturated fat (g) |  5.2 (3.6-6.9) |  5.1 (3.8-7.1) | -4.1 | 4.0 | 0.36 (0.27-0.45) | 0.46 (0.37-0.54) | 0.44 (0.36-0.52) |
| Cholesterol (mg) |  148 (92-222) |  150 (97-211) | -193 | 176 | 0.36 (0.27-0.45) | 0.43 (0.35-0.51) | 0.42 (0.33-0.50) |
| Iron (mg) |  9.4 (7.3-11.6) |  10.2 (7.3-12.8) | -7.5 | 8.2 | 0.41 (0.32-0.49) | 0.41 (0.32-0.49) | 0.40 (0.32-0.48) |
| Energy (kcal) |  1288 ± 289 |  1444 ± 509 | -775 | 1087 | 0.40 (0.31-0.48) | - | 0.32 (0.25-0.39) |
| Fat (g) |  37.9 (30.1-46.8) |  40.1 (31.8-52.9) | -12.6 | 19.3 | 0.42 (0.33-0.50) | 0.40 (0.31-0.48) | 0.36 (0.28-0.44) |
| Vitamin A (ug) |  433 (302-568) |  413 (317-584) | -467 | 425 | 0.35 (0.25-0.44) | 0.36 (0.27-0.45) | 0.35 (0.26-0.44) |
| Protein (g) |  45.9 (38.3-54.3) |  46.0 (37.5-56.6) | -17.9 | 17.1 | 0.36 (0.26-0.44) | 0.30 (0.20-0.39) | 0.30 (0.20-0.39) |
| Monounsaturated fat (g) |  10.3 (7.4-13.4) |  12.4 (8.8-17.5) | -8.5 | 13.9 | 0.31 (0.22-0.40) | 0.30 (0.20-0.39) | 0.23 (0.16-0.31) |
| Carbohydrate (g) |  185.0 (153.7-218.6) |  202.1 (158.6-255.3) | -36.7 | 66.2 | 0.36 (0.27-0.45) | 0.29 (0.19-0.38) | 0.23 (0.15-0.31) |
| Beta-carotene (ug) |  1035 (361-1863) |  829 (399-1576) | -3764 | 3244 | 0.25 (0.15-0.34) | 0.27 (0.17-0.36) | 0.25 (0.16-0.33) |

a Listed in descending order based on energy-adjusted Pearson’s correlation

b Figures in parenthesis denote interquartile range, while variability for energy is presented in terms of SD

c Based on log-transformed values