*Appendix 2. Results for outcomes split by etiological group (ASD vs. NMC)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Post intervention mean (**±**SD)** | **Adjusted mean difference (95% CI)** | **p-value** |
| **NMC** | **ASD** |
| Total areas where RDI/ AI met (/21) | 8.9 (±3.1) | 10.0 (±4.3) | 1.1 (-0.6, 2.7) | 0.20 |
| Total % energy intake1  | 99.7 (±24.0) | 103.8 (±24.6) | 3.5 (-8.2, 15.2) | 0.55 |
| Total % energy intake without drinks1 | 83.0 (±24.5) | 85.1 (±22.9) | 2.5 (-8.2, 13.2) | 0.64 |
| Total foods | 30.6 (±12.5) | 24.2 (±11.2) | -0.8 (-4.4, 2.8) | 0.67 |
| Total carbohydrates | 7.5 (±4.0) | 4.6 (±2.7) | -0.5 (-1.3, 0.4) | 0.32 |
| Total proteins | 10.3 (±5.0) | 7.1 (±4.2) | -1.1 (-2.7, 0.4) | 0.15 |
| Total F&V | 7.9 (±6.1) | 8.2 (±6.0) | -0.1 (-1.6, 1.4) | 0.89 |
| Total unprocessed F&V | 4.9 (±5.7) | 5.5 (±5.1) | -0.0 (-1.4, 1.4) | 0.98 |
| Total empty calorie foods1 | 5.0 (±3.0) | 4.3 (±3.2) | -0.1 (-0.8, 0.8) | 0.97 |
| BPFAS TFS-Child (/125) | 65.2 (±12.6) | 60.2 (±13.0) | -0.7 (-5.6, 4.3) | 0.79 |
| BPFAS TFS-Parent (/50) | 23.1 (±6.6) | 24.8 (±6.2) | 1.6 (-1.0, 4.3) | 0.22 |
| BPFAS TPS-Child (/25) | 9.1 (±5.6) | 8.8 (±5.1) | -0.1 (-2.4, 2.3) | 0.94 |
| BPFAS TPS-Parent (/10) | 3.4 (±2.8) | 3.5 (±2.9) | -0.1 (-1.3, 1.0) | 0.81 |
| Height z-score | 0.3 (±0.9) | 0.9 (±1.1) | 0.0 (-0.2, 0.2) | 0.94 |
| Weight z-score | 0.2 (±0.9) | 0.8 (±0.8) | 0.1 (-0.1, 0.3) | 0.33 |
| BMI z-score | 0.1 (±1.0) | 0.5 (±0.8) | 0.2 (-0.1, 0.6) | 0.14 |
| ECBI TFS (/180) | 108.5 (±28.6) | 122.2 (±32.0) | 4.0 (-5.8, 13.8) | 0.42 |
| ECBI TPS (/36) | 6.7 (±7.9) | 10.1 (±7.9) | 0.3 (-2.4, 2.9) | 0.83 |
| PSI-SF percentile | 54.5 (±31.8) | 80.7 (±26.4) | 3.0 (-8.4, 14.4) | 0.60 |

*NMC=non-medically complex history; ASD=autism spectrum disorder; RDI/ AI=Recommended Daily Intake/ Adequate Intake as per NHMRC guidelines; F&V=Fruit and Vegetables; BPFAS=Behavioural Pediatrics Feeding Assessment Scale; TFS=Total Frequency Score; TPS=Total Problem Score; BMI=Body Mass Index; ECBI=Eyberg Child Behaviour Inventory; PSI-SF=Parenting Stress Index-Short Form*

*1Total energy intake as a percentage of total recommended daily intake for age described by the NHMRC guidelines [Australian Government, Department of Health and Ageing]*

*2Empty calorie foods are defined as foods that are energy-dense but nutrient-poor (e.g. chocolate, cakes, chips, and soft drinks)*