Supplemental Table 1. The unadjusted associations between availability scores and dietary pattern scores.

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| **Sweets-and-treats pattern** |
|  | Model 1: fruits and vegetables availability score (n=718) | Model 2: sugar-enriched foods availability score (n=718) | Model 3: fruits and vegetables availability score + sugar-enriched foods availability score (n=715) |
| Fixed effects | Estimate | SE | P value | Estimate | SE | P value | Estimate | SE | P value |
| Intercept | 0.18 | 0.30 | 0.54 | -1.46 | 0.18 | <0.01 | -0.60 | 0.29 | 0.04 |
| Fruits and vegetables availability score\* | -0.01 | 0.01 | 0.52 |  |  |  | -0.05 | 0.01 | <0.01 |
| Sugar-enriched foods availability score† |  |  |  | 0.09 | 0.01 | <0.01 | 0.10 | 0.01 | <0.01 |
| ICC, % | Individual level | 5.5 |  |  | 6.1 |  |  | 6.2 |  |  |
| Family level | 93.6 |  |  | 93.9 |  |  | 93.8 |  |  |
| Preschool level | 0.9 |  |  | 0 |  |  | 0 |  |  |
| Model fit | AIC | 1871.4 |  |  | 1801.0 |  |  | 1787.7 |  |  |
| BIC | 1877.9 |  |  | 1805.4 |  |  | 1792.1 |  |  |
| **Health-conscious pattern** |
|  | Model 1: fruits and vegetables availability score (n=718) | Model 2: sugar-enriched foods availability score (n=718) | Model 3: fruits and vegetables availability score + sugar-enriched foods availability score (n=715) |
| Fixed effects | Estimate | SE | P value | Estimate | SE | P value | Estimate | SE | P value |
| Intercept | -1.29 | 0.27 | <0.01 | 0.22 | 0.18 | 0.21 | -1.01 | 0.29 | <0.01 |
| Fruits and vegetables availability score\* | 0.06 | 0.01 | <0.01 |  |  |  | 0.08 | 0.01 | <0.01 |
| Sugar-enriched foods availability score† |  |  |  | -0.01 | 0.01 | 0.18 | -0.03 | 0.01 | <0.01 |
| ICC, % | Individual level | 4.5 |  |  | 4.4 |  |  | 4.6 |  |  |
| Family level | 93.8 |  |  | 94.9 |  |  | 94.5 |  |  |
| Preschool level | 1.6 |  |  | 0.7 |  |  | 0.9 |  |  |
| Model fit | AIC | 1741.8 |  |  | 1760.3 |  |  | 1732.6 |  |  |
| BIC | 1748.3 |  |  | 1766.9 |  |  | 1739.2 |  |  |

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| **Vegetables-and-processed meats pattern** |
|  | Model 1: fruits and vegetables availability score (n=718) | Model 2: sugar-enriched foods availability score (n=718) | Model 3: fruits and vegetables availability score + sugar-enriched foods availability score (n=715) |
| Fixed effects | Estimate | SE | P value | Estimate | SE | P value | Estimate | SE | P value |
| Intercept | -0.90 | 0.29 | <0.01 | 0.10 | 0.18 | 0.60 | -0.82 | 0.30 | 0.01 |
| Fruits and vegetables availability score\* | 0.04 | 0.01 | <0.01 |  |  |  | 0.06 | 0.01 | <0.01 |
| Sugar-enriched foods availability score† |  |  |  | -0.01 | 0.01 | 0.58 | -0.02 | 0.01 | 0.07 |
| ICC, % | Individual level | 10.1 |  |  | 10.0 |  |  | 10.2 |  |  |
| Family level | 89.9 |  |  | 90.0 |  |  | 89.8 |  |  |
| Preschool level | 0 |  |  | 0 |  |  | 0 |  |  |
| Model fit | AIC | 1890.6 |  |  | 1897.1 |  |  | 1882.1 |  |  |
| BIC | 1895.0 |  |  | 1901.5 |  |  | 1886.5 |  |  |

SE, standard error; ICC, intra-class correlation coefficient; AIC, Akaike information criterion (smaller is better); BIC, Bayesian information criterion (smaller is better)

\* Composite score consisting of the availability frequencies of fresh vegetables, fresh fruit, frozen vegetables, frozen fruit or berries and 100% fruit juices in the home.

† Composite score consisting of the availability frequencies of sweets and chocolate, sweet cookies, sweet pastries, ice cream, soft drinks and juices with added sugar in the home.