**Supplementary Tables**

Supplementary Table S1: Association of perceived emotional home atmosphere with adolescents’ fruit and vegetable intake stratified by sex and parental education level with further adjustment for household income

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Stratum | n | Exposure(higher vs. lower) | % Changed  | 95% CI |
| 1a | All subjects | 2534 | Warmth | 15\*\*\* | 8, 22 |
|  |  |  | Strictness | 6 | -1, 13 |
|  |  |  | Tension | 0 | -7, 7 |
| 2b | Boys  | 1224 | Warmth | 13\*\* | 3, 24 |
|  |  |  | Strictness | 5 | -5, 16 |
|  |  |  | Tension | 2 | -8, 13 |
| 3b | Girls | 1310 | Warmth | 16\*\*\* | 7, 27 |
|  |  |  | Strictness | 6 | -3, 16 |
|  |  |  | Tension | -2 | -11, 8 |
| 4c | Low-medium parental education  | 1203 | Warmth | 9 | -1, 20 |
|  |  |  | Strictness | 16\*\* | 4, 29 |
|  |  |  | Tension | -2 | -12, 10 |
| 5c | High parental education | 1331 | Warmth | 21\*\*\* | 11, 31 |
|  |  |  | Strictness | -1 | -9, 7 |
|  |  |  | Tension | 1 | -8, 10 |

*\*p<0.05 \*\*p<0.01 \*\*\*p<0.001*

a*Model for FV consumption vs. perceived EHA adjusted for age, sex, survey country and parents’ education,*

 *bModel adjusted for age, parents’ education level (high vs. less) and country,*

*cModel adjusted for age, sex and country,*

*d percentage change = (Exp(b) – 1) × 100%, where b denotes the beta value in the regression equation log (FV) = a + b × X*

Supplementary Table S2: Association of perceived emotional home atmosphere with adolescents’ fruit and vegetable intake stratified by sex and parental education level excluding subjects reporting no intake of fruit and vegetable

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Stratum | n | Exposure(higher vs. lower) | % Changed  | 95% CI |
| 1a | All subjects | 3060 | Warmth | 15\*\*\* | 9, 21 |
|  |  |  | Strictness | 2 | -4, 8 |
|  |  |  | Tension | 2 | -4, 8 |
| 2b | Boys  | 1476 | Warmth | 13\*\* | 4, 23 |
|  |  |  | Strictness | 1 | -7, 10 |
|  |  |  | Tension | 3 | -5, 13 |
| 3b | Girls | 1584 | Warmth | 17\*\*\* | 8, 26 |
|  |  |  | Strictness | 3 | -5, 12 |
|  |  |  | Tension | 0 | -8, 9 |
| 4c | Low-medium parental education  | 1507 | Warmth | 13\*\* | 4, 23 |
|  |  |  | Strictness | 8 | -1, 19 |
|  |  |  | Tension | -1 | -10, 9 |
| 5c | High parental education | 1553 | Warmth | 18\*\*\* | 9, 27 |
|  |  |  | Strictness | -3 | -10, 4 |
|  |  |  | Tension | 4 | -4, 12 |

*\*p<0.05 \*\*p<0.01 \*\*\*p<0.001*

a*Model for FV consumption vs. perceived EHA adjusted for age, sex, survey country and parents’ education,*

 *bModel adjusted for age, parents’ education level (high vs. less) and country,*

*cModel adjusted for age, sex and country,*

*d percentage change = (Exp(b) – 1) × 100%, where b denotes the beta value in the regression equation log (FV) = a + b × X*