**Supplementary Material**

**Table S1.** Logistic regression model for the prediction of adult onset asthma using the eight ACEs adjusted by sex (female=0/male=1) and born in Canada (0=no/1=yes).

|  |  |  |  |
| --- | --- | --- | --- |
| Predictor | Adjusted Odds Ratio  (95% Confidence Interval) | p-value | VIF |
| Sexual abuse | 2.40 (1.43, 4.03) | 0.001 | 1.14 |
| Physical abuse | 2.10 (1.01, 4.36) | 0.048 | 1.64 |
| Chronic illness/ physical disability at home | 1.69 (1.05, 2.70) | 0.030 | 1.05 |
| Witnessed violence against mothers | 1.42 (0.76, 2.67) | 0.274 | 1.43 |
| Depression/mental illness in family | 1.27 (0.76, 2.15) | 0.360 | 1.25 |
| Parental separation/divorce | 1.26 (0.74, 2.13) | 0.397 | 1.15 |
| Verbal insults | 0.72 (0.36, 1.46) | 0.359 | 1.73 |
| Alcohol/drug use at home | 0.70 (0.40, 1.24) | 0.221 | 1.32 |
| Male | 0.87 (0.56, 1.35) | 0.534 | 1.06 |
| born in Canada | 1.94 (1.03, 3.67) | 0.041 | 1.02 |

VIF = variance inflation factors

**Table S2.** Average of the retained factor scores from the four-latent factor model (with varimax rotation) by ACE.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Averages of Factor Scores** | | | |
| **ACE** | **Level** | **Factor 1** | **Factor 2** | **Factor 3** | **Factor 4** |
| Verbal insults | 0=no | -0.07 | 0.13 | 0.11 | 0.07 |
|  | 1 =yes | **0.71** | 0.11 | 0.49 | 0.13 |
| Physical abuse | 0=no | -0.30 | 0.12 | 0.17 | 0.07 |
|  | 1 =yes | **0.80** | 0.25 | 0.19 | 0.15 |
| Witnessing violence against mothers | 0=no | 0.02 | 0.05 | 0.17 | 0.08 |
|  | 1 =yes | 0.35 | **0.68** | 0.19 | 0.09 |
| Alcohol/drug use at home | 0=no | 0.06 | 0.01 | 0.11 | 0.09 |
|  | 1 =yes | 0.07 | **0.59** | 0.44 | 0.05 |
| Parental separation/divorce | 0=no | 0.06 | 0.05 | 0.17 | 0.06 |
|  | 1 =yes | 0.06 | **0.50** | 0.21 | 0.15 |
| Depression/mental illness in family | 0=no | 0.05 | 0.08 | 0.07 | 0.06 |
|  | 1 =yes | 0.11 | 0.33 | **0.60** | 0.14 |
| Chronic illness/ physical disability at home | 0=no | 0.06 | 0.13 | 0.09 | 0.08 |
|  | 1 =yes | 0.06 | 0.13 | **0.54** | 0.08 |
| Sexual abuse | 0=no | 0.05 | 0.11 | 0.15 | -0.05 |
|  | 1 =yes | 0.12 | 0.19 | 0.29 | **0.80** |

Highest averages per ACE in bold