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| **Supplementary Material 10. Prevalence of the coexistence of stunting and obesity according to socioeconomic status** |
|  |  |  |  |  |  |  |  | **Year** |  |  |  |  |  |  |  |
|  | **2006** | **2007** | **2008** | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** |
| **Household income (%)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  High | 13 (0.8) | 5 (0.6) | 7 (0.4) | 8 (0.8) | 4 (0.3) | 10 (0.8) | 5 (0.3) | 6 (0.5) | 5 (0.4) | 13 (1.1) | 15 (1) | 18 (1.1) | 11 (0.5) | 13 (0.6) | 21 (0.9) |
|  Middle | 27 (1.6) | 21 (1.4) | 18 (1.5) | 13 (1) | 17 (1.5) | 15 (0.9) | 22 (1.3) | 21 (1.2) | 18 (1.1) | 22 (1.3) | 26 (1.2) | 32 (1.8) | 14 (0.7) | 26 (1.2) | 26 (0.9) |
|  Low | 24 (2.5) | 16 (1.7) | 21 (2.1) | 18 (1.3) | 16 (1.6) | 14 (1.3) | 12 (1.5) | 19 (2) | 15 (1.7) | 12 (1.6) | 13 (1.7) | 17 (2.3) | 20 (3.1) | 11 (1) | 9 (1.2) |
| **Father's education (%)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Tertiary or above | 16 (0.8) | 11 (0.9) | 18 (1.4) | 13 (0.8) | 13 (0.6) | 11 (0.5) | 14 (0.7) | 12 (0.8) | 16 (0.8) | 20 (1.1) | 27 (1.2) | 30 (1.4) | 26 (1) | 18 (1) | 24 (1) |
|  Upper secondary | 35 (2) | 14 (0.8) | 17 (1) | 16 (1) | 14 (1.3) | 21 (1.3) | 19 (1.3) | 26 (1.5) | 15 (1.1) | 21 (1.4) | 23 (1.4) | 26 (1.5) | 13 (1) | 12 (1.1) | 15 (0.8) |
|  Basic or less | 13 (2.7) | 8 (2.3) | 5 (1.9) | 5 (1.2) | 8 (3.4) | 1 (0.5) | 4 (1.3) | 6 (2) | 5 (2.4) | 3 (3.4) | 1 (0.6) | 3 (1.9) | 3 (1.8) | 2 (1.3) | 6 (1.7) |
| **Mother's education (%)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Tertiary or above | 11 (1.1) | 8 (1.1) | 12 (0.9) | 11 (1) | 4 (0.2) | 13 (0.9) | 11 (0.8) | 11 (0.8) | 15 (0.9) | 13 (0.9) | 20 (0.9) | 24 (1.2) | 22 (0.9) | 16 (0.9) | 24 (1) |
|  Upper secondary | 39 (1.6) | 21 (1.1) | 24 (1.3) | 23 (1.1) | 26 (1.7) | 18 (0.8) | 23 (1.2) | 30 (1.4) | 18 (0.9) | 27 (1.5) | 31 (1.6) | 38 (2) | 18 (1) | 14 (1.1) | 15 (0.8) |
|  Basic or less | 14 (2.4) | 8 (1.7) | 5 (1.4) | 3 (0.3) | 5 (1.2) | 6 (2.5) | 4 (1.5) | 5 (2.5) | 3 (2) | 3 (2.3) | 1 (0.9) | 2 (2) | 2 (1.6) | 2 (1.4) | 1 (0.7) |
| **Urbanicity (%)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Metropolitan cities | 23 (1.1) | 19 (1.4) | 25 (1.4) | 18 (1.1) | 17 (0.9) | 18 (1) | 21 (1.5) | 16 (1.1) | 19 (1.2) | 17 (1.1) | 28 (1.5) | 29 (1.5) | 18 (0.9) | 19 (0.9) | 22 (0.9) |
|  Other cities | 29 (1.9) | 15 (1) | 16 (1.3) | 15 (0.9) | 15 (1.4) | 16 (0.9) | 14 (0.7) | 24 (1.1) | 15 (0.8) | 28 (1.6) | 25 (1.1) | 30 (1.5) | 23 (1) | 26 (1) | 25 (0.8) |
|  Rural areas | 12 (2.7) | 8 (1.6) | 5 (1.6) | 6 (1.4) | 5 (0.6) | 5 (1.7) | 4 (0.9) | 6 (1.9) | 4 (0.9) | 2 (0.7) | 1 (0.4) | 8 (2.6) | 4 (1.3) | 5 (0.8) | 9 (2.1) |
| The prevalence was calculated as the proportion of stunting among obese adolescents in each of three socioeconomic groups. |