**Supplementary Table 1 (data for Figure 1).** **Prevalence of mental health outcomes in rural (N=76) and urban (N=1,629) students, by gender**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Number (%) of students who…** | | **Zhijin (rural)** |  |  | **Beijing (urban)** |  |  |
|  | | **Boys** | **Girls** | **P-value** | **Boys** | **Girls** | **P-value** |
| **Drug use** | 1.     Recent drinking ≥1 | 3  (9.7%) | 6 (16.2%) | 0.40 | 90  (12.1%) | 69  (7.7%) | 0.002\* |
|  | 2.     Ever drunk ≥1 | 3  (9.7%) | 3  (8.1%) | 0.82 | 72  (9.7%) | 47  (5.3%) | 0.002\* |
|  | 3.     Trouble with alcohol ≥1 | 6  (19.4%) | 5 (13.5%) | 0.48 | 38  (5.1%) | 22  (2.5%) | 0.006\* |
|  | 4.     Recent smoking ≥1 | 3  (9.7%) | 0  (0.0%) | 0.05 | 80 (10.7%) | 14 (1.6%) | <0.001\* |
|  | 5.     Passive smoking ≥1 | 19 (61.3%) | 25 (67.6%) | 0.59 | 459 (61.5%) | 483 (54.8%) | 0.005\* |
|  | 6.     Other drugs ≥1 | 2  (6.5%) | 1  (2.7%) | 0.45 | 5  (0.7%) | 4  (0.5%) | 0.56 |
| **Depression** | 7.     Loneliness ≥sometimes | 6  (19.4%) | 15  (40.5%) | 0.06 | 179  (24.0%) | 248  (28.1) | 0.06 |
|  | 8.     Insomnia ≥sometimes | 5  (16.1%) | 12  (32.4%) | 0.14 | 141  (18.9%) | 180  (20.4%) | 0.46 |
|  | 9.     Hopelessness ≥1 | 9  (29.0%) | 12  (32.4%) | 0.71 | 140  (18.8) | 154  (17.5%) | 0.45 |
|  | 10.  Suicidal ideation ≥1 | 3  (9.7%) | 3  (8.1%) | 0.85 | 101  (13.5%) | 130  (14.7%) | 0.52 |
|  | 11.  Suicidal plan ≥1 | 2  (6.5%) | 0  (0.0%) | 0.12 | 50  (6.7%) | 64  (7.3%) | 0.68 |
|  | 12.  Close friends =0 | 4  (12.9%) | 3  (8.1%) | 0.52 | 51  (6.8%) | 71  (8.0%) | 0.36 |
|  | 13.  Helpful schoolmates =never/rarely | 16  (51.6%) | 11  (29.7%) | 0.07 | 174  (23.3%) | 117  (13.3%) | <0.001\* |
| **Social Support** | 14.  Parental supervision =never/rarely | 15  (48.4%) | 16  (43.2%) | 0.67 | 241  (32.3%) | 249  (28.2%) | 0.07 |
|  | 15.  Parental understanding =never/rarely | 19  (61.3%) | 22  (59.5%) | 0.88 | 271  (36.3%) | 281  (31.9%) | 0.06 |
| **Externalizing behaviors** | 16.  Fighting ≥1 | 13  (41.9%) | 1  (2.7%) | <0.001\* | 187  (25.1%) | 52  (5.9%) | <0.001\* |
| 17.  Injuries ≥1 | 14  (45.2%) | 16  (43.2%) | 0.95 | 118  (15.8%) | 100  (11.3%) | 0.001\* |
| 18.  Bullying ≥1 | 13  (41.9%) | 19  (51.4%) | 0.33 | 166  (22.3%) | 148  (16.8%) | 0.002\* |
|  | 19.  Absence ≥1 | 5  (16.1%) | 5  (13.5%) | 0.76 | 44  (5.9%) | 34  (3.9%) | 0.051 |