**Supplementary material**

**Table S1**

Affective temperaments in disordered eating behaviors groups.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Fasting (%) | Physical Exercise (%) | Laxatives (%) | Diuretics (%) | Medication (%) | Vomiting (%) |
| Depressive | Men |  6.3\* |  8.9 | 1.2 | 0.7 | 2.4 | 0.7 |
|  | Women |  14.6\* |  7.7 | 9.3\* | 6.3\* | 10.2\* | 5.7\* |
| Avoidant | Men |  4.5 |  9.3 | 0.7 | 1.0 | 1.8  | 1.0 |
|  | Women |  9.1† |  5.4† | 5.3† | 3.8† | 6.1† | 2.3† |
| Apathetic | Men |  3.7 |  8.6 | 0.2†  | 0.6 | 1.0 | 0.0† |
|  | Women |  9.5 |  6.6 | 6.4 | 3.5† | 5.4† | 3.2 |
| Cyclothymic | Men |  5.7\* |  10.9 | 1.4\* | 1.4 | 3.1\* | 1.9\* |
|  | Women |  15.5\* |  9.9\* | 9.7\* | 7.4\* | 10.6\* | 5.8\* |
| Cyclothymic‡ | Men | 3.8 | 10.1 | 0.8 | 0.9\* | 2.0 | 0.6 |
|  | Women | 10.5\* | 7.3 | 6.6 | 5.0\* | 8.2 | 3.3\* |
| Dysphoric | Men |  4.5 |  12.4 | 0.7 | 1.7 | 2.9 | 1.0 |
|  | Women |  11.8 |  9.2 | 8.5\* | 6.8\* | 9.8 | 4.8 |
| Volatile | Men |  4.0 |  9.3 | 0.3 | 0.5 | 1.3 | 0.6 |
|  | Women |  13.0\* |  7.2 | 7.8 | 6.9\* | 11.6\* | 5.7\* |
| Obsessive | Men |  3.3 |  10.3 | 1.2 | 0.7 | 1.9 | 0.2† |
|  | Women |  9.2† |  7.8 | 5.3† | 4.6† | 7.7 | 2.6† |
| Euthymic | Men |  1.1† |  6.6† | 0.3† | 0.5 | 0.9† | 0.2† |
|  | Women |  4.6† |  4.6† | 3.3† | 2.4† | 4.1† | 1.4† |
| Hyperthymic | Men |  2.3† |  13.4\* | 0.6† | 1.0 | 2.0 | 0.1† |
|  | Women |  6.5† |  6.9 | 4.2† | 3.3† | 5.4† | 1.1† |
| Irritable | Men |  4.2 |  12.6\* | 1.1† | 1.2 | 2.1 | 0.1† |
|  | Women |  9.4† |  7.9 | 5.7† | 4.6 | 7.8 | 2.9† |
| Desinhibited | Men |  3.7 |  11.6 | 0.5  | 0.7 | 1.1 | 0.7 |
|  | Women |  10.0 |  8.0 | 6.2 | 4.5 | 7.9 | 4.4 |
| Euphoric | Men |  5.0 |  11.8 | 1.4\* | 1.7\* | 2.9\* | 1.3\* |
|  | Women |  14.3\* |  10.7\* | 8.7\* | 7.3\* | 12.0\* | 4.6 |

\* represents a higher proportion within each affective temperament type, according to chi-square test (p<0.001).

† indicates a lower proportion within each affective temperament type, according to chi-square test (p<0.001).

‡ Cyclothymic temperament excluding people with bipolar disorder (n=3581, 874 men and 2707 women).