**Supplementary Table S1**. *Fit statistics for competing latent class models*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **4 class** | **5 class** | **6 class** |
| **Model fit** |  |  |  |
| Entropy | 0.872 | 0.808 | 0.810 |
| BIC (free parameters) | 52,042.104 (67) | 52,043.158 (84) | 52,087.01 (101) |
| BICN | 51,829.187 | 51,776.217 | 51,766.049 |
| BLRT | 253.124 (17 df), p<0.001 | 156.398 (17 df), p<0.001 | 113.597 (17 df) <0.001 |
| **Class prevalence (N, %)** |  |  |  |
| Not depressed | 8950 (83.2) | 8760 (77.2) | 8683 (74.9) |
| Minimal symptoms | -- | -- | 1027 (16.4) |
| Mild depression | 1145 (11.6) | 1083 (15.2) | 154 (1.4) |
| Moderate depression | -- | 297 (3.2) | 272 (2.9) |
| Despondent | 238 (3.2) | 279 (3.4) | 284 (3.4) |
| Severe | 196 (1.9) | 110 (1.1) | 109 (1.0) |

|  |
| --- |
| **Supplementary Table S2.** *Results from 6-class latent class analysis* |
|   | **Class 1: Not depressed** | **Class 2: Minimal symptoms** | **Class 3: Mild depression** | **Class 4: Moderate** | **Class 5: Despondent** | **Class 6: Severe** |
| **Predicted probability of depressive symptoms** |  |  |  |  |  |  |
| Dysphoria | 0.012 | 0.126 | 0.292 | 0.479 | 0.530 | 0.887 |
| Lost appetite | 0.022 | 0.001 | 1.000 | 0.183 | 0.108 | 0.481 |
| Lost weight | 0.005 | 0.042 | 0.384 | 0.127 | 0.046 | 0.362 |
| Gained weight | 0.018 | 0.132 | 0.082 | 0.229 | 0.123 | 0.338 |
| Insomnia | 0.036 | 0.260 | 0.398 | 0.497 | 0.446 | 0.750 |
| Hypersomnia | 0.005 | 0.065 | 0.092 | 0.376 | 0.099 | 0.316 |
| Fatigue | 0.015 | 0.196 | 0.276 | 0.664 | 0.222 | 0.785 |
| Motor retardation | 0.001 | 0.058 | 0.059 | 0.413 | 0.033 | 0.561 |
| Motor agitation | 0.003 | 0.078 | 0.089 | 0.311 | 0.136 | 0.597 |
| Lost interest in sex | 0.005 | 0.050 | 0.079 | 0.220 | 0.060 | 0.353 |
| Guilt | 0.004 | 0.062 | 0.000 | 0.336 | 0.405 | 0.672 |
| Concentration | 0.001 | 0.083 | 0.159 | 0.503 | 0.214 | 0.787 |
| Slow thoughts | 0.003 | 0.058 | 0.105 | 0.416 | 0.180 | 0.753 |
| Thought about death | 0.029 | 0.178 | 0.224 | 0.359 | 0.622 | 0.883 |
| Wanted to die | 0.002 | 0.000 | 0.006 | 0.059 | 0.413 | 0.887 |
| Suicidal thoughts/suicide attempt | 0.004 | 0.009 | 0.012 | 0.044 | 0.266 | 0.591 |
| **Class prevalence (%)** | 74.9 | 16.4 | 1.4 | 2.9 | 3.4 | 1.0 |
| **N** (most likely class membership) | 8683 | 1027 | 154 | 272 | 284 | 109 |
| **Model fit statistics** | **Entropy** | **BIC** | **BICN** | **BLRT\*** |  |  |
|  | 0.810 | 52087.01 | 51766.049 | 113.597, <0.001 |  |  |
| *Free parameters* |  | 101 | 101 | 17 |  |  |
| \*BLRT for 6 class vs. 5 class model |  |  |  |  |  |  |