**Supplementary Material for Online Only Publication**

Appendix I. Rotated Factor Loadings from the Meta-analysis

(\* indicates an extra and idiosyncratic factor and has been named alphabetically throughout tables)

A. Overall

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GDS Items | Dysphoria | Positive Mood | Factor A\* | SAC |
| 1: Satisfied | 0.166 | 0.756 | 0.431 | -0.024 |
| 2: Dropped Interests | 0.117 | 0.112 | 0.245 | 0.740 |
| 3: Empty | 0.810 | 0.322 | 0.175 | 0.071 |
| 4: Bored | 0.790 | 0.218 | -0.006 | 0.210 |
| 7: Good Spirits | 0.158 | 0.909 | 0.033 | 0.067 |
| 8: Afraid | 0.839 | 0.015 | 0.209 | -0.020 |
| 9: Happy | 0.208 | 0.904 | 0.007 | 0.065 |
| 10: Helpless | 0.791 | 0.193 | 0.346 | 0.043 |
| 12: Stay Home | -0.077 | -0.061 | 0.173 | 0.777 |
| 14: Memory Problems | 0.315 | -0.047 | -0.152 | 0.685 |
| 15: Wonderful | 0.210 | 0.714 | 0.363 | 0.000 |
| 17: Worthless | 0.265 | 0.177 | 0.788 | 0.190 |
| 21: Energy | -0.119 | 0.342 | 0.361 | 0.494 |
| 22: Hopeless | 0.481 | 0.278 | 0.642 | -0.043 |
| 23: Better Off | 0.134 | 0.100 | 0.704 | 0.262 |
| % variance explained | 21.35 | 21.12 | 15.24 | 13.54 |

*Notes.* Highest factor loadings have been underlined; SAC = social withdrawal-apathy-cognitive impairment.

B. Chinese

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GDS Items | Dysphoria | SAC | Positive Mood | Factor B\* |
| 1: Satisfied | 0.685 | -0.062 | 0.054 | 0.108 |
| 2: Dropped Interests | 0.329 | 0.827 | 0.089 | 0.039 |
| 3: Empty | 0.859 | -0.103 | -0.054 | 0.042 |
| 4: Bored | 0.859 | -0.103 | -0.054 | 0.042 |
| 7: Good Spirits | 0.322 | 0.180 | 0.907 | -0.010 |
| 8: Afraid | 0.520 | -0.013 | 0.045 | 0.094 |
| 9: Happy | 0.541 | -0.071 | -0.086 | 0.085 |
| 10: Helpless | 0.440 | -0.036 | 0.812 | 0.150 |
| 12: Stay Home | 0.043 | 0.847 | -0.071 | 0.070 |
| 14: Memory Problems | 0.188 | 0.854 | -0.025 | 0.045 |
| 15: Wonderful | – | – | – | – |
| 17: Worthless | 0.647 | 0.207 | 0.124 | -0.420 |
| 21: Energy | -0.021 | -0.047 | 0.839 | 0.166 |
| 22: Hopeless | 0.266 | 0.068 | 0.060 | 0.899 |
| 23: Better Off | -0.050 | -0.016 | -0.013 | 0.595 |
| % variance explained | 23.85 | 20.07 | 15.73 | 14.11 |

*Notes.* Highest factor loadings have been underlined; SAC = social withdrawal-apathy-cognitive impairment; no loadings were calculated for ‘item 15:Wonderful’ because none of the Chinese data sets containing this item converged to a solution.

C. English

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| --- | --- | --- | --- | --- |
| GDS Items | Dysphoria | Positive Mood | SAC | Factor C\* |
| 1: Satisfied | 0.131 | 0.858 | 0.061 | 0.035 |
| 2: Dropped Interests | 0.252 | 0.038 | 0.788 | 0.089 |
| 3: Empty | 0.265 | 0.105 | 0.338 | 0.425 |
| 4: Bored | 0.578 | 0.120 | 0.029 | 0.561 |
| 7: Good Spirits | 0.140 | 0.962 | 0.007 | 0.041 |
| 8: Afraid | 0.263 | 0.036 | 0.654 | -0.087 |
| 9: Happy | 0.140 | 0.962 | 0.007 | 0.041 |
| 10: Helpless | 0.849 | 0.215 | 0.164 | 0.074 |
| 12: Stay Home | -0.021 | -0.041 | 0.700 | 0.214 |
| 14: Memory Problems | 0.204 | -0.121 | 0.047 | 0.761 |
| 15: Wonderful | 0.169 | 0.895 | -0.003 | 0.129 |
| 17: Worthless | 0.898 | 0.103 | 0.212 | 0.135 |
| 21: Energy | -0.106 | 0.199 | 0.069 | 0.607 |
| 22: Hopeless | 0.862 | 0.170 | 0.124 | 0.106 |
| 23: Better Off | 0.849 | 0.111 | 0.179 | 0.010 |
| % variance explained | 24.44 | 23.81 | 11.89 | 10.40 |

*Notes.* Highest factor loadings have been underlined.

D. Japanese

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| GDS Items | Dysphoria | Positive Mood | Factor D\* | Factor E\* | SAC |
| 1: Satisfied | -0.034 | 0.934 | 0.248 | -0.014 | 0.007 |
| 2: Dropped Interests | 0.785 | 0.090 | 0.008 | -0.48 | 0.083 |
| 3: Empty | 0.982 | 0.006 | 0.021 | 0.140 | 0.010 |
| 4: Bored | 0.982 | 0.006 | 0.021 | 0.140 | 0.010 |
| 7: Good Spirits | -0.034 | 0.934 | 0.248 | -0.014 | 0.007 |
| 8: Afraid | 0.982 | 0.006 | 0.021 | 0.140 | 0.010 |
| 9: Happy | 0.255 | 0.777 | -0.089 | 0.521 | -0.051 |
| 10: Helpless | 0.982 | 0.006 | 0.021 | 0.140 | 0.010 |
| 12: Stay Home | -0.022 | 0.001 | 0.008 | 0.042 | 0.948 |
| 14: Memory Problems | 0.253 | 0.007 | -0.029 | 0.658 | 0.497 |
| 15: Wonderful | 0.058 | 0.861 | -0.102 | -0.098 | 0.021 |
| 17: Worthless | 0.267 | -0.059 | 0.607 | 0.620 | -0.085 |
| 21: Energy | -0.013 | 0.140 | 0.851 | -0.092 | 0.050 |
| 22: Hopeless | -0.023 | 0.097 | 0.944 | 0.085 | -0.027 |
| 23: Better Off | 0.647 | 0.425 | -0.063 | 0.400 | -0.053 |
| % variance explained | 34.01 | 22.07 | 14.22 | 10.56 | 7.79 |

*Notes.* Highest factor loadings have been underlined.

E. Korean

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| GDS Items | Positive Mood | Dysphoria | Factor F\* | Factor G\* | Factor H\* | Factor I\* |
| 1: Satisfied | .950 | .144 | .076 | .113 | -.013 | .154 |
| 2: Dropped Interests | .006 | .343 | .850 | .228 | -.075 | .216 |
| 3: Empty | .303 | .818 | .120 | -.070 | .265 | .121 |
| 4: Bored | .468 | .762 | .094 | -.089 | -.171 | .271 |
| 7: Good Spirits | .872 | -.014 | .023 | .183 | -.030 | -.077 |
| 8: Afraid | -.123 | .755 | .236 | .246 | -.040 | -.193 |
| 9: Happy | .950 | .144 | .076 | .113 | -.013 | .154 |
| 10: Helpless | – | – | – | – | – | – |
| 12: Stay Home | .079 | .052 | .058 | .040 | .163 | .884 |
| 14: Memory Problems | -.062 | .067 | -.040 | .056 | .849 | .233 |
| 15: Wonderful | .798 | .219 | .121 | .040 | .115 | .009 |
| 17: Worthless | .147 | .163 | .036 | .844 | .350 | -.143 |
| 21: Energy | .405 | -.085 | .025 | .760 | -.198 | .341 |
| 22: Hopeless | .578 | -.105 | .123 | .265 | .567 | -.274 |
| 23: Better Off | .217 | .075 | .944 | -.114 | .054 | -.085 |
| % variance explained | 29.34 | 14.88 | 12.44 | 11.16 | 9.67 | 9.15 |

*Notes.* Highest factor loadings have been underlined; No loadings were calculated for ‘item 10:Helpless’ because none of the Korean data sets containing this item converged to a solution.