**Supplementary Table 1: Association between TCI-R dimensions on antidepressant discontinuation when excluding those individuals who switched medication during the 12 weeks of antidepressant treatment**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Overall | Escitalopram | Nortriptyline |
|  |  | HR | 95%CI | p | HR | 95%CI | p | HR | 95%CI | p |
| Harm Avoidance |  | **0.74** |  **0.61-0.91**  | **0.005** | 0.73 |  0.51-1.03  | 0.070 | **0.76** |  **0.60-0.98**  | **0.033** |
| Novelty Seeking |  | **1.23** |  **1.01-1.51**  | **0.038** | 1.34 |  0.91-1.96  | 0.137 | 1.10 |  0.77-1.56  | 0.596 |
| Reward Dependence  |  | 0.84 |  0.67-1.05  | 0.120 | 0.77 |  0.57-1.05  | 0.104 | 0.96 |  0.55-1.66  | 0.877 |
| Persistence  |  | 0.96 |  0.84-1.08  | 0.481 | 0.94 |  0.74-1.21  | 0.645 | 1.01 |  0.71-1.42  | 0.974 |
| Self-Directedness |  | 0.84 |  0.65-1.09  | 0.185 | 0.8 |  0.57-1.12  | 0.188 | 0.94 |  0.70-1.25  | 0.667 |
| Cooperativeness |  | **0.65** |  **0.49-0.88**  | **0.005** | 0.66 |  0.43-1.01  | 0.056 | **0.64** |  **0.44-0.94**  | **0.022** |
| Self-Transcendence |  | **1.45** |  **1.17-1.78**  | **0.001** | **1.50** |  **1.04-2.15**  | **0.028** | **1.42** |  **1.15-1.75**  | **0.001** |

Abbreviations: TCI-R = Temperament and Character Inventory Revised; HR = Hazard ratios; 95%CI = 95% confidence interval.

**Supplementary Table 2: Correlations between temperament and character dimensions with depression severity at baseline and at the time of discontinuation.**

|  |  |  |
| --- | --- | --- |
| TCI-R dimension | Baseline depression severity | Depression severity at discontinuation |
| b | 95%CI | p | b | 95%CI | p |
| Harm Avoidance | 0.41 | -0.31-1.12 | 0.268 | -0.1 | -1.51-1.31 | 0.891 |
| Novelty Seeking | -0.04 | -0.64-0.55 | 0.891 | -0.31 | -1.62-0.99 | 0.640 |
| Reward Dependence | **-0.75** | **-1.34--0.16** | **0.013** | -0.26 | -1.66-1.15 | 0.718 |
| Persistence | -0.08 | -0.64-0.47 | 0.773 | 0.49 | -0.94-1.93 | 0.501 |
| Self-Directedness | -0.11 | -0.66-0.44 | 0.695 | 0.44 | -0.90-1.78 | 0.523 |
| Cooperativeness | -0.29 | -1.08-0.49 | 0.459 | 1.06 | -0.45-2.57 | 0.169 |
| Self-Transcendence | 0.01 | -0.66-0.67 | 0.982 | -0.75 | -2.17-0.66 | 0.297 |

Abbreviations: TCI-R = Temperament and Character Inventory Revised; 95%CI = 95% confidence interval.

Analyses of baseline depression severity include age, sex and centre as covariates.

Analyses of depression severity at discontinuation include baseline Montgomery and Aasberg Depression Rating Scale (MADRS) score, age, sex and centre as covariates.