Table 1:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DRSP Symptoms, Menstrual Cycle Time, and Reflection** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **Depression** | | | **Hopelessness** | | | **Worthless/Guilt** | | | **Anxiety** | | | **Mood Swings** | | | **Rejection Sensitivity** | | | **Anger/Irritability** | | | **Interpersonal Conflict** | | | **Joint-Muscle Pain** | | |
| *Predictors* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* | *Estimates* | *Conf. Int (95%)* | *P-Value* |
| Intercept | 1.82 | 1.69 – 1.94 | **<0.001** | 1.54 | 1.42 – 1.66 | **<0.001** | 1.63 | 1.51 – 1.75 | **<0.001** | 2.19 | 2.04 – 2.34 | **<0.001** | 1.63 | 1.51 – 1.75 | **<0.001** | 1.64 | 1.52 – 1.77 | **<0.001** | 1.94 | 1.81 – 2.08 | **<0.001** | 1.61 | 1.50 – 1.71 | **<0.001** | 1.46 | 1.34 – 1.58 | **<0.001** |
| Reflection | 0.11 | -0.02 – 0.24 | 0.091 | 0.11 | -0.02 – 0.23 | 0.094 | 0.09 | -0.03 – 0.21 | 0.156 | 0.14 | -0.02 – 0.29 | 0.080 | 0.08 | -0.05 – 0.20 | 0.226 | 0.13 | -0.00 – 0.26 | 0.052 | 0.08 | -0.06 – 0.22 | 0.258 | 0.11 | 0.00 – 0.22 | **0.043** | -0.03 | -0.15 – 0.10 | 0.674 |
| Linear Time (Premenses) | 0.27 | 0.07 – 0.48 | **0.010** | 0.13 | -0.05 – 0.32 | 0.154 | 0.05 | -0.13 – 0.23 | 0.574 | 0.45 | 0.22 – 0.69 | **<0.001** | 0.47 | 0.26 – 0.68 | **<0.001** | 0.33 | 0.11 – 0.55 | **0.004** | 0.44 | 0.20 – 0.68 | **<0.001** | 0.22 | 0.03 – 0.42 | **0.026** | 0.35 | 0.18 – 0.51 | **<0.001** |
| Quadratic Time (Postmenses) | -0.11 | -0.23 – 0.01 | 0.063 | -0.05 | -0.15 – 0.05 | 0.350 | -0.02 | -0.12 – 0.09 | 0.739 | -0.24 | -0.37 – -0.11 | **<0.001** | -0.21 | -0.33 – -0.09 | **<0.001** | -0.15 | -0.28 – -0.03 | **0.013** | -0.26 | -0.39 – -0.12 | **<0.001** | -0.13 | -0.24 – -0.02 | **0.022** | -0.16 | -0.26 – -0.06 | **0.002** |
| Reflection X Linear Time | 0.04 | -0.17 – 0.25 | 0.677 | 0.00 | -0.18 – 0.19 | 0.984 | -0.01 | -0.19 – 0.18 | 0.927 | 0.17 | -0.07 – 0.41 | 0.158 | 0.03 | -0.19 – 0.25 | 0.784 | 0.01 | -0.21 – 0.24 | 0.908 | 0.00 | -0.24 – 0.25 | 0.989 | -0.14 | -0.34 – 0.06 | 0.168 | 0.08 | -0.09 – 0.25 | 0.346 |
| Reflection X Quadratic Time | -0.01 | -0.13 – 0.11 | 0.882 | -0.01 | -0.11 – 0.10 | 0.908 | 0.02 | -0.09 – 0.12 | 0.744 | -0.09 | -0.22 – 0.05 | 0.202 | 0.01 | -0.11 – 0.13 | 0.889 | 0.01 | -0.12 – 0.13 | 0.908 | 0.01 | -0.12 – 0.14 | 0.891 | 0.09 | -0.02 – 0.20 | 0.110 | -0.02 | -0.12 – 0.08 | 0.666 |
| **Random Effects** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| σ2 | 0.85 | | | 0.63 | | | 0.65 | | | 1.03 | | | 0.91 | | | 0.81 | | | 1.04 | | | 0.80 | | | 0.54 | | |
| τ00 | 0.57 | | | 0.58 | | | 0.55 | | | 0.86 | | | 0.49 | | | 0.57 | | | 0.62 | | | 0.34 | | | 0.58 | | |
| τ11 | 0.70 | | | 0.60 | | | 0.57 | | | 1.01 | | | 0.72 | | | 1.07 | | | 1.11 | | | 0.58 | | | 0.44 | | |
|  | 0.24 | | | 0.19 | | | 0.20 | | | 0.32 | | | 0.22 | | | 0.30 | | | 0.30 | | | 0.17 | | | 0.20 | | |
| ρ01 | -0.51 | | | -0.54 | | | -0.39 | | | -0.38 | | | -0.31 | | | -0.51 | | | -0.43 | | | -0.30 | | | -0.21 | | |
|  | 0.47 | | | 0.50 | | | 0.39 | | | 0.33 | | | 0.26 | | | 0.51 | | | 0.41 | | | 0.31 | | | 0.16 | | |
| ICC | 0.34 | | | 0.41 | | | 0.43 | | | 0.42 | | | 0.33 | | | 0.36 | | | 0.33 | | | 0.30 | | | 0.52 | | |
| N | 190 | | | 190 | | | 190 | | | 190 | | | 190 | | | 190 | | | 190 | | | 190 | | | 190 | | |
| Observations | 7704 | | | 7704 | | | 7704 | | | 7704 | | | 7701 | | | 7701 | | | 7701 | | | 7701 | | | 7690 | | |
| Marginal R2 / Conditional R2 | 0.017 / 0.348 | | | 0.010 / 0.417 | | | 0.009 / 0.436 | | | 0.023 / 0.435 | | | 0.013 / 0.337 | | | 0.018 / 0.369 | | | 0.007 / 0.338 | | | 0.006 / 0.303 | | | 0.003 / 0.518 | | |