|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 3**  *Random Effects* | | | | | | | | | | | | |
|  | 2-Way Interaction Models | | | | | | | |  | | | |
|  | Basic Model | |  | Final Model | |  | Model with Demographic Covariates | | |  | 3-Way Interaction Model | |
|  | SD Estimate | 95% CI |  | SD Estimate | 95% CI |  | SD Estimate | 95% CI | |  | Estimate | 95% CI |
| CoupID - Intercept | 0.12 | (0.01, 0.30) |  | 0.12 | (0.01, 0.28) |  | 0.11 | (0.00, 0.27) | |  | 0.12 | (0.01, 0.30) |
| CoupID - Time | 0.02 | (0.00, 0.04) |  | 0.02 | (0.00, 0.04) |  | 0.02 | (0.00, 0.04) | |  | 0.02 | (0.00, 0.04) |
| CoupID:PersonID - Intercept | 0.43 | (0.30, 0.55) |  | 0.27 | (0.11, 0.40) |  | 0.28 | (0.11, 0.41) | |  | 0.43 | (0.30, 0.55) |
| CoupID:PersonID - Time | 0.01 | (0.00, 0.03) |  | 0.02 | (0.00, 0.04) |  | 0.02 | (0.00, 0.04) | |  | 0.01 | (0.00, 0.04) |
| σ | 0.33 | (0.26, 0.42) |  | 0.33 | (0.25, 0.42) |  | 0.33 | (0.26, 0.41) | |  | 0.33 | (0.26, 0.42) |
| *Model Comparison* |  |  |  |  |  |  |  |  | |  |  |  |
| R2 | 0.53 | (0.45, 0.59) |  | **0.56** | **(0.50, 0.62)** |  | 0.54 | (0.48, 0.60) | |  | 0.53 | (0.46, 0.59) |
| Looic | 712.0 | - |  | **657.8** | - |  | 672.3 | - | |  | 709.4 | - |
|  |  |  |  |  |  |  |  |  | |  |  |  |