|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model term** | **Estimated *df*** | **Reference *df*** | **𝛘2** | ***p*** |
| ti(Age) | 5.964 | 6 | 6182.264 | < 0.001 |
| ti(Dominance) | 1.058 | 4 | 1354.369 | 0.008 |
| ti(Conscientiousness) | 3.795 | 4 | 3061.741 | 0.005 |
| ti(Extraversion) | 0.001 | 4 | 0.000 | 0.218 |
| ti(Agreeableness) | 0.001 | 4 | 0.000 | 0.883 |
| ti(Openness) | 0.000 | 4 | 0.000 | 0.367 |
| ti(Neuroticism) | 0.001 | 4 | 0.002 | 0.122 |
| ti(Age × Dominance) | 11.27 | 16 | 793.504 | 0.210 |
| ti(Age × Conscientiousness) | 15.86 | 16 | 3404.718 | 0.085 |
| ti(Age × Extraversion) | 11.31 | 16 | 1325.363 | 0.026 |
| ti(Age × Agreeableness) | 5.795 | 16 | 392.583 | 0.065 |
| ti(Age × Openness) | 14.12 | 16 | 5229.720 | 0.0390 |
| ti(Age × Neuroticism) | 12.10 | 16 | 1990.359 | 0.030 |
| s(Date) | 8.587 | 9 | 1729.729 | < 0.001 |
| s(ID) | 0.000 | 27 | 0.001 | 0.560 |
| s(ID × Age) | 8.120 | 28 | 389.807 | < 0.001 |
| s(ID × Dominance | 0.000 | 27 | 0.000 | 0.850 |
| s(ID × Conscientiousness) | 0.003 | 27 | 0.003 | 0.445 |
| s(ID × Extraversion) | 0.000 | 27 | 0.000 | 0.408 |
| s(ID × Agreeableness) | 0.000 | 27 | 0.000 | 0.502 |
| s(ID × Openness) | 6.088 | 27 | 138.912 | 0.568 |
| s(ID × Neuroticism) | 6.499 | 27 | 699.092 | 0.031 |