**Table S5.** *Block and Confidence effects on Error Signals*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Error Magnitude** | **RPE** | **SPE** |
| *Predictors* | *Estimates* | *SE* | *CI* | *t* | *p* | *Estimates* | *SE* | *CI* | *t* | *p* | *Estimates* | *SE* | *CI* | *t* | *p* |
| (Intercept) | 204.21 | 10.26 | 184.11 – 224.31 | 19.91 | **3.281e-88** | -91.45 | 9.63 | -110.33 – -72.58 | -9.50 | **2.187e-21** | 206.95 | 10.22 | 186.92 – 226.97 | 20.26 | **3.088e-91** |
| Block | -37.10 | 6.50 | -49.84 – -24.36 | -5.71 | **1.152e-08** | 36.26 | 6.15 | 24.20 – 48.32 | 5.89 | **3.805e-09** | -17.54 | 5.01 | -27.36 – -7.72 | -3.50 | **4.622e-04** |
| Confidence | -16.10 | 13.12 | -41.81 – 9.60 | -1.23 | 2.195e-01 | 18.97 | 10.66 | -1.93 – 39.86 | 1.78 | 7.521e-02 | -71.20 | 8.02 | -86.91 – -55.49 | -8.88 | **6.510e-19** |
| Block : Confidence | 30.09 | 6.74 | 16.87 – 43.30 | 4.46 | **8.110e-06** | -64.48 | 6.92 | -78.06 – -50.91 | -9.31 | **1.240e-20** | 16.99 | 6.08 | 5.07 – 28.90 | 2.79 | **5.198e-03** |
| **Random Effects** |
| Residuals2 | 30497.33 | 32243.17 | 26425.43 |
| Intercept | 3956.08  | 3442.90 | 3972.30  |
| Confidence | 5556.10  | 3218.71 | 1572.42 |
| Block | 1312.50  | 1113.46 | 688.02  |
| N | 40 | 40  | 40 |
| Observations | 9996 | 9996 | 9996 |
| Deviance | 131861.869 | 132387.369 | 130376.103 |
| log-Likelihood | -65930.935 | -66193.684 | -65188.052 |

*Formula: DV ~ Block\* Confidence + (Block + Confidence |participant); DVs are Error Magnitude, RPE and SPE; Note: “:” indicates interactions*