

1 Table 1 Supplemental Material. Correlations

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| PRE-STIMULUS | L-CL | R-CL | L-PL | R-PL | L-PO | R-PO | C-Fr | C-Med | A-Fr |
|------------------------|-------|-------|--------------|--------------|--------------|--------------|-------|-------|--------------|
| Low Beta | | | | | | | | | |
| Reaction Time Mean | 0.28 | 0.30 | 0.17 | 0.38 | 0.10 | 0.20 | 0.38 | 0.30 | 0.56 |
| MOTOR PLAN | | | | | | | | | |
| Low alpha | | | | | | | | | |
| Movement Extent | -0.04 | 0.03 | -0.27 | -0.20 | -0.22 | -0.16 | 0.19 | 0.27 | 0.07 |
| Pk Velocity | -0.22 | -0.39 | -0.62 | -0.63 | -0.64 | -0.63 | -0.17 | -0.19 | -0.26 |
| Pk Acceleration | -0.25 | -0.51 | -0.59 | -0.63 | -0.55 | -0.56 | -0.27 | -0.33 | -0.30 |
| MOTOR EXECUTION | | | | | | | | | |
| Theta | | | | | | | | | |
| Movement Extent | -0.52 | -0.07 | -0.72 | -0.64 | -0.59 | -0.57 | -0.40 | -0.49 | -0.54 |
| Pk Velocity | -0.25 | 0.02 | -0.27 | -0.30 | -0.24 | -0.27 | -0.38 | -0.14 | -0.56 |
| Pk Acceleration | -0.12 | 0.08 | -0.05 | -0.09 | -0.01 | -0.06 | -0.27 | 0.01 | -0.43 |
| Low alpha | | | | | | | | | |
| Movement Extent | -0.52 | -0.21 | -0.64 | -0.52 | -0.67 | -0.68 | -0.49 | -0.47 | -0.62 |
| Pk Velocity | -0.43 | -0.29 | -0.34 | -0.49 | -0.52 | -0.54 | -0.55 | -0.29 | -0.62 |
| Pk Acceleration | -0.29 | -0.17 | -0.13 | -0.27 | -0.27 | -0.29 | -0.39 | -0.11 | -0.42 |

r>/0.6/, p<0.05

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