Supplementary Table 1

*Zero-order correlations between the WM tasks*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. Verbal RMT
 | 1 |  |  |  |  |  |  |  |  |  |
| 1. Visual RMT
 | .308\*\* | 1 |  |  |  |  |  |  |  |  |
| 1. Verbal CST
 | .293\*\* | .319\*\* | 1 |  |  |  |  |  |  |  |
| 1. Visual CST
 | .281\*\* | .436\*\* | .342\*\* | 1 |  |  |  |  |  |  |
| 1. Verbal SSTF
 | .359\*\* | .291\*\* | .439\*\* | .330\*\* | 1 |  |  |  |  |  |
| 1. Visual SSTF
 | .271\*\* | .469\*\* |  .288\*\* | .489\*\* | .369\*\* | 1 |  |  |  |  |
| 1. Verbal SSTB
 | .436\*\* | .318\*\* | .450\*\* | .391\*\* | .599\*\* | .350\*\* | 1 |  |  |  |
| 1. Visual SSTB
 | .283\*\* | .435\*\* | .364\*\* | .407\*\* | .331\*\* | .558\*\* | .376\*\* | 1 |  |  |
| 1. Verbal 2-back
 | .229\*\* | .370\*\* | .288\*\* | .330\*\* | .250\*\* | .366\*\* | .277\*\* | .435\*\* | 1 |  |
| 1. Visual 2-back
 | .256\*\* | .396\*\* | .360\*\* | .387\*\* | .238\*\* | .344\*\* | .306\*\* | .409\*\* | .543\*\* | 1 |

Note: double asterisk (\*\*) indicates p < .01.

RMT: Running Memory Task; CST: Complex Span Task; SSTF: Simple Span Task Forward; SSTB: Simple Span Task Backward