Table S5.

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| --- | --- | --- | --- | --- | --- |
| **Multi-Location Memory** | **The Sims** | **SC-1** | **SC-2** | **SC-1 vs Control****(t-value)** | **SC-2 vs Control****(t-value)** |
| Drift Rate | 0.001 (0.001) | 0.001 (0.001) | 0.001 (0.001) | 0.693 | 0.682 |
| Accuracy | -0.020 (0.032) | 0.007 (0.033) | 0.034 (0.032) | 0.802 | 1.714 |
| Accuracy(Switch Trials) | 0.001 (0.053) | 0.046 (0.043) | 0.080 (0.053) | 1.054 | 1.503 |
| Accuracy(Non-switch Trials) | -0.043 (0.015) | -0.036 (0.027) | -0.008 (0.015) | 0.263 | 2.323 |
| Switch Cost(Accuracy) | 0.043 (0.046) | 0.081 (0.027) | 0.088 (0.046) | 1.421 | 0.965 |
| Median RT | -374.613 (109.042) | -227.763 (106.489) | -44.860 (109.042) | 1.379 | 3.024 |
| Median RT(Switch Trials) | -566.025 (160.944) | -239.369 (153.991) | -14.439 (160.944) | 2.121 | 3.427 |
| Median RT(Non-switch Trials) | -318.536 (97.232) | -168.233 (115.468) | -118.759 (97.232) | 1.302 | 2.055 |
| Switch Cost(RT) | -247.489 (122.122) | -71.136 (90.934) | 104.320 (122.122) | 1.939 | 2.881 |