**Supplementary file 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Group Comparison | Timepoint | T-statistic | df | p-value |
| 85Q vs Buffer | 3m | -2.048 | 8 | 0.037\* |
| 6m | -3.652 | 8 | 0.003\*\* |
| 9m | -5.762 | 8 | 0.00021\*\* |
| 14m | -6.045 | 8 | 0.00015\*\* |
| 20m | -3.392 | 8 | 0.005\*\* |
|  | 30m | -2.657 | 7 | 0.016\* |
| 85Q vs 10Q | 3m | -1.188 | 9 | 0.133 |
| 6m | -1.981 | 9 | 0.039\* |
| 9m | -3.196 | 9 | 0.005\*\* |
| 14m | -4.887 | 9 | 0.0004\*\*\* |
| 20m | -2.194 | 9 | 0.028\* |
|  | 30m | -1.965 | 8 | 0.043\* |
| Buffer vs 10Q | 3m | -1.137 | 7 | 0.146 |
| 6m | -2.426 | 7 | 0.023\* |
| 9m | -1.483 | 7 | 0.091 |
| 14m | -1.974 | 7 | 0.045\* |
| 20m | -1.033 | 7 | 0.168 |
|  | 30m | -1.694 | 7 | 0.067 |

**Table S1.** Planned group comparisons for 3-Choice Spatial Delayed Response (SDR) task using one-tailed Independent Sample T-tests at each timepoint. \*p<0.05, \*\*p<0.01, \*\*\*p<0.001