**Table S3 Social cognitive performance before and after the 12-week training period**

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | NCT | | SCOTT | | Group by time interaction | Post-hoc  t-tests for NCT | Post-hoc  t-tests for SCOTT |
|  | M (S.D.) | | M (S.D.) | |  |  |  |
|  | T1 | T2 | T1 | T2 | *P*FDRcorr | *P* | *P* |
| FPa | 57.6  (23) | 67.3  (21.2) | 65.5 (18.2) | 76.5 (19.5) | 0.7220 |  |  |
| FPb | 59.5 (19.7) | 63.1  (20.5) | 63.2  (21.6) | 79.3 (16.5) | 0.007 | 0.245 | 0.001 |
| MASC – total score | 26.8 (10.4) | 27.9  (9.6) | 28.3 (10.8) | 31.3 (11.3) | 0.007 | 0.464 | 0.001 |

Performance improvements in the SCOTT group relative to the NCT group were observed on two of the three measures (FPb and MASC total scores). Accuracy is measured in percent correct (range: 0 to 100 %) for the FPa and FPb tests and in number of correct responses for the MASC total score (range: 0 to 46 points). The false discovery rate (FDR) corrected *p*-values indicate the significance level of group (SCOTT vs. NCT) by time (T1 vs. T2) interaction effects. The post-hoc repeated measures t-tests in the NCT and SCOTT groups shows that significant interactions are driven by changes in the SCOTT group. Note that statistical tests are based on the normalized test scores following the Box-Cox transformation. **Abbreviations:** NCT: Nonsocial computer training group; SCOTT: Social cognition training tool group; MASC: Movie for the Assessment of Social Cognition; T1: time point 1; T2: time point 2.