**Figure 4 – source data 1**

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| **Figure 4 – source data 1** - one-sided paired t-test - (Fig. 4c) |
| **Paradigm** | **Region** | **n** | **t** | ***p*** |
| **Social Recognition** | **AOB** | 5 | -1.7361 | >0.05 |
| **MOB** | 5 | -1.2243 | >0.05 |
| **MeAV** | 5 | -0.7389 | >0.05 |
| **LS** | 4 | -1.3153 | >0.05 |
| **Pir** | 5 | 0.1271 | >0.05 |
| **Object Recognition** | **AOB** | 4 | -2.9281 | **<0.05** |
| **MOB** | 4 | -4.5422 | **<0.05** |
| **MeAV** | 4 | -2.6806 | **<0.05** |
| **LS** | 4 | -3.543 | **<0.05** |
| **Pir** | 4 | -2.9717 | **<0.05** |

**Figure 4 – source data 1: Comparison of TP between Enc. and Post periods**

Paired t-tests were used to compare between the mean ΔTP across Enc. vs. the mean ΔTP across Post periods**.** The assumption of normality was assessed by Lilliefors and Shapiro-Wilk tests.