**Figure 7 – source data 1**

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| **Figure 7 – source data 1 -** two-way repeated measures ANOVA- Fig.7d |
|  | **n** | **df** | **F** | ***p*** |
| **AOB** | 5 | 1,4 | 65.160 | <0. 01 |
| **MOB** | 6 | 1,5 | 47.95 | <0. 01 |
| **Nacc** | 5 | 1,4 | 34.63 | <0. 01 |
| **Pir** | 6 | 1,5 | 39.29 | <0. 01 |
| **LS** | 6 | 1,5 | 24.39 | <0. 01 |
| **MeA** | 6 | 1,5 | 26.63 | <0. 01 |

**Figure 7 – source data 1: Comparison of change in theta power in low and high theta bands between social and fearful stimuli.**

Comparison of the change in theta power between social recognition (SR) and fear conditioning (FC) at high and low theta ranges, statistically validated usingtwo-way repeated measures ANOVA (*p* - experiment X theta range interaction). The assumption of normality was assessed by Lilliefors and Shapiro-Wilk tests**.**