**Supplemental information, S1 Behavioral analyses**

**Behavioral analyses**

The number of subject’s ratings that matched the IAPS ratings, i.e. congruence, was calculated for each category (neutral, positive and negative). Also response times (RTs) to correctly rated pictures were calculated for each category. Group differences on congruence and response times were analyzed with repeated measures analyses of variance (ANOVA) using category and group as factors.

**Behavioral results**

Congruence differed significantly between the three groups (F(2,79) = 5.98, p = 0.004), with PTSD patients rating less pictures congruent with the IAPS rating (mean ± SD, 76.7 ± 4.8) than the CC group (82.7 ± 3.5; p = 0.005) and the HC group (82.6 ± 3.6; p = 0.007). The three groups did not differ in as what they rated the incorrect rated trials (F(5,76) = 1.89, p = 0.105). Group response time differences were only marginally significant (F(2,79) = 2.80, p = 0.067).