**Supplementary Table S1. Multidimensional Mood State Questionnaire**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Scale | Time | BPD patients | Healthy controls - Group A (ConA) | Healthy controls -Group B  (ConB) | Effects | *p*-values |
| good mood – bad mood | pre | 3.3 (0.7) | 4.4 (0.5) | 4.3 (0.4) | time: *F*(2,99) = 34.40 | *p*< .001 |
| mid | 3.6 (0.8) | 4.3 (0.5) | 4.4 (0.5) | group: *F*(2,100) = 39.10 | *p*< .001 |
| post | 2.7 (0.8) | 4.2 (0.6) | 4.0 (0.7) | time by group: *F*(2,99) = 4.80 | *p*< .005 |
| awake – tired | pre | 2.8 (0.9) | 3.7 (0.8) | 3.6 (0.8) | time: *F*(2,99) = 20.70 | *p*< .001 |
| mid | 2.7 (0.9) | 3.8 (0.8) | 3.5 (0.9) | group: *F*(2,100) = 17.82 | *p*< .001 |
| post | 2.2 (0.8) | 3.4 (0.9) | 3.1 (0.9) | time by group: *F*(2,99) = 0.50 | *p*> .7 |
| calm – agitated | pre | 2.9 (0.7) | 4.1 (0.6) | 4.1 (0.5) | time: *F*(2,99) = 15.05 | *p*< .001 |
| mid | 3.0 (0.8) | 4.2 (0.6) | 4.0 (0.7) | group: *F*(2,100) = 46.19 | *p*< .001 |
| post | 2.4 (0.7) | 4.0 (0.7) | 4.0 (0.6) | time by group: *F*(2,99) = 5.36 | *p*< .001 |

MDBF, Multidimensional Mood State Questionnaire (Steyer *et al.* 1997): short form A, mean scores (from 1 *not at all* to 5 *very much*). Pre-task (i.e., directly before the social interaction), mid-task (i.e., directly after the social interaction), post-task (i.e., after the second self- and other-ratings and before the memory task). All pairwise comparisons between BPD and ConA and between BPD and ConB were significant, all *p*’s < .001). None of the pairwise comparisons between ConA and ConB were significant, all *p*’s > .1. That is, BPD patients’ mood was worse overall and decreased more over the course of the experiment that that of controls. BPD patients were more tired overall. All participants got more tired over the course of the experiment. BPD patients were more agitated overall and got more agitated over the course of the experiment, and their agitation increased over the course of the experiment more than that of controls.