**Supplementary Table S3.** Parameter of the GoStop Task in the healthy control group (HC), in patients with Borderline Personality Disorder (BPD), and in patients with Attention Deficit Hyperactivity Disorder (ADHD)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **HC (n= 30)**M ± S.D. | **BPD (n= 30)**M ± S.D. | **ADHD (n= 28)**M ± S.D. |
| Resting condition | Inhibition: Mean (%) | 62.75 ± 15.96 | 59.05 ± 13.79 | 62.14 ± 15.79 |
|  Stop-Trials 50msec (%) | 59.00 ± 23.69 |  48.21 ± 23.10  | 56.79 ± 23.42  |
| Stop-Trials 150msec (%) | 57.67 ± 71.55  |  58.93 ± 16.41  | 63.93 ± 18.33  |
| Stop-Trials 250msec (%) | 61.67 ± 21.02 | 63.93 ± 15.94 | 62.50 ± 16.91 |
| Stop-Trials 350msec (%) | 72.67 ± 19.29 | 67.86 ± 17.92 | 65.36 ± 21.51 |
| NoStop Trials (%) | 8.75 ± 7.90 a | 9.83 ± 10.31 b | 13.18 ± 9.99 c |
| Novel Trials (%) | 99.54 ± 0.65 a | 99.62 ± 0.71 | 99.73 ± 0.43 |
| StopSignal-Latency:Stop-Trials 50msec (msec) | 394.11 ± 75.36 | 271.39 ± 64.09 | 385.23 ± 76.73 |
| Stop-Trials 150msec (msec) | 282.53 ± 55.91 | 175.60 ± 50.55 | 279.89 ± 67.02 |
| Stop-Trials 250msec (msec) | 232.44 ± 277.57 | 47.47 ± 72.17 | 189.62 ± 78.77 |
| Stop-Trials 350msec (msec) | 73.90 ± 13.12 | 48.21 ± 23.10 | 65.04 ± 56.85 |
|  |  |  |  |
| Stress condition | Inhibition: Mean (%) | 59.00 ± 21.55 | 59.65 ± 15.99 | 63.57 ± 17.11 |
|  Stop-Trials 50msec (%) | 52.33 ± 24.17 | 58.21 ± 23.10 | 56.79 ± 23.42 |
| Stop-Trials 150msec (%) | 54.67 ± 23.45 | 56.07 ± 18.12 | 63.93 ± 18.33 |
| Stop-Trials 250msec (%) | 63.33 ± 25.10 | 61.79 ± 23.10 | 62.50 ± 16.91 |
| Stop-Trials 350msec (%) | 65.67 ± 27.38 | 65.00 ± 18.76 | 65.36 ± 21.51 |
| Ommissions NoStop Trials (%) | 5.75 ± 6.47 a | 10.09 ± 9.69 a b  | 13.18 ± 9.99 b |
| Correct trials Novel Trials (%) | 99.50 ± 0.95 | 99.42 ± 0.85 | 99.73 ± 0.43 |
| StopSignal-Latency:StopSignal-Latency 50msec | 374.16 ± 43.40 | 371.13 ± 74.11 | 385.23 ± 76.73 |
| StopSignal-Latency 150msec | 291.04 ± 51.27 | 269.10 ± 61.40 | 279.89 ± 67.02 |
| StopSignal-Latency 250msec | 181.04 ± 56.83 | 158.52 ± 43.66 | 189.62 ± 78.77 |
| StopSignal-Latency 350msec | 46.36 ± 51.24 | 58.21 ± 23.10 | 65.04 ± 56.85 |

Parameters are reported in Means (M) ± standard deviations (S.D.).

Note: Groups with different superscripts (a, b, c) differ significantly from each other in post-hoc Tuckey HSD tests (p<.05)