Table 1

*Significance of p value for three indicators of Tower of London: post hoc for main effect of „Trial”, and pairwise comparisons for main effect of „Time” and for interaction between „Time” and „Trial”*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Significance of *p* value for Initial Thinking Time | | | | | | | |
| *Post hoc* for main effect of „Trial” | | | | | | | |
|  | Trial 1 | | Trial 2 | | Trial 3 | | Trial 6 |
| Trial 2 | .000 | |  | |  | |  |
| Trial 3 | .467 | | .000 | |  | |  |
| Trial 6 | .004 | | .000 | | .637 | |  |
| Trial 7 | 1.000 | | .003 | | .821 | | .038 |
| Pairwise comparisons for main effect of „Time” | | | | | | | |
| Time 1 | | Time 2 | | Trial 1 | | .135 | |
| Time 1 | | Time 2 | | Trial 2 | | .142 | |
| Time 1 | | Time 2 | | Trial 3 | | .000 | |
| Time 1 | | Time 2 | | Trial 6 | | .000 | |
| Time 1 | | Time 2 | | Trial 7 | | .000 | |
| Pairwise comparisons for interaction effect between „Time” and „Trial” | | | | | | | |
| Time 1 | | | | | | | |
|  | Trial 1 | | Trial 2 | | Trial 3 | | Trial 6 |
| Trial 2 | .001 | |  | |  | |  |
| Trial 3 | .000 | | .000 | |  | |  |
| Trial 6 | .000 | | .000 | | 1.000 | |  |
| Trial 7 | .002 | | .000 | | 1.000 | | 1.000 |
| Time 2 | | | | | | | |
|  | Trial 1 | | Trial 2 | | Trial 3 | | Trail 6 |
| Trial 2 | .009 | |  | |  | |  |
| Trial 3 | .001 | | 1.000 | |  | |  |
| Trial 6 | 1.000 | | .563 | | .036 | |  |
| Trial 7 | .000 | | .011 | | .601 | | .008 |
| Significance of *p* value for Execution Time | | | | | | | |
| *Post hoc* for main effect of „Trial” | | | | | | | |
|  | Trial 1 | | Trial 2 | | Trial 3 | | Trial 6 |
| Trial 2 | .000 | |  | |  | |  |
| Trial 3 | .000 | | .494 | |  | |  |
| Trial 6 | .000 | | .000 | | .000 | |  |
| Trial 7 | .000 | | .000 | | .000 | | .176 |

Table 2

*Correlation matrix for TOL and GNG performance measures*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Initial Thinking Time (ITT) | Execution Time (ET) | No Go Errors (NGE) | Reaction Time for Go Responses (RTGR) |
| Extra Moves (EM) | .03 | .56\*\*\* | -.10 | .09 |
| Initial Thinking Time (ITT) |  | .04\*\*\* | -.28\*\* | .17 |
| Execution Time (ET) |  |  | -.27\* | .30\*\* |
| No Go Errors (NGE) |  |  |  | -.49\*\*\* |

\* *p* < .05. \*\* *p* < .01. \*\*\* *p* < .001.