**Supplementary Material**

**Using Augmented Reality to assess spatial neglect: the Free-Exploration-Test (FET)**

Britta Stammler1, Marian Lambert2,Thomas Schuster2,3, Kathrin Flammer4,Hans-Otto Karnath1

1 Center of Neurology, Division of Neuropsychology, Hertie-Institute for Clinical Brain Research, University of Tübingen, Tübingen, Germany

2 XPACE GmbH, Pforzheim, Germany

3 Pforzheim University of Applied Sciences, Pforzheim, Germany

4 Flammer & Gläser UXplain GbR, Karlsruhe, Germany

**Table S1.** Person product-moment correlation coefficients of all four traditional neglect tests (Letter Cancellation Test, Bells Test, Copying Task, Line Bisection Task) and the new Free-Exploration-Test in the patients with spatial neglect.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Letter  Cancellation | Bells Test | Copying Task | Line Bisection | FET | Mean correlation |
| Letter-Cancellation | 1 | 0.53 | 0.32 | 0.09 | 0.56 | 0.38 |
| Bells Test | 0.53 | 1 | 0.42 | 0.32 | 0.49 | 0.44 |
| Copying Task | 0.32 | 0.42 | 1 | 0.21 | 0.41 | 0.34 |
| Line Bisection | 0.09 | 0.32 | 0.21 | 1 | 0.22 | 0.21 |
| FET | 0.56 | 0.49 | 0.41 | 0.22 | 1 | 0.42 |

**Figure S1.** The following bar chart displays the mean values of horizontal exploration activity for patients with neglect and healthy controls. The error bars extending from the top of each bar represent the 95% confidence intervals, illustrating the range within which the true mean is expected to lie with a 95% probability.



****