**Table S3:** Descriptive Statistics: Valence and arousal ratings, recognition error rates and response times.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Patients | | | | HC | | | | | |
|  | **PC** | | **MRT** | | **PC** | | | | **MRT** | |
|  | **Low** | **High** | **Low** | **High** | **Low** | **High** | | | **Low** | **High** |
| **Valence ratings:** mean rating (SD) | | | | | | | | | | |
| **NEG** | 3.74 (0.61) | 2.52 (0.82) | 3.89 (0.83) | 2.86 (0.59) | 3.88 (0.42) | | 2.63 (0.64) | 3.53 (0.57) | | 2.19 (0.61) |
| **NEU** | 5.26 (0.37) | 5.24 (0.54) | 5.00 (0.50) | 5.07 (0.54) | 5.23 (0.39) | | 5.22 (0.42) | 4.98 (0.31) | | 5.07 (0.44) |
| **POS** | 6.85 (0.63) | 6.62 (0.41) | 6.56 (0.70) | 6.16 (0.57) | 6.85 (0.92) | | 6.43 (0.79) | 7.12 (0.45) | | 6.75 (0.65) |
| **Arousal ratings:** mean rating (SD) | | | | | | | | | | |
| **NEG** | 2.76 (0.91) | 4.84 (1.62) | 2.50 (0.96) | 4.05 (1.29) | 2.67 (0.81) | | 4.77 (1.27) | 3.43 (1.20) | | 5.53 (1.34) |
| **NEU** | 1.41 (0.40) | 1.74 (0.67) | 1.28 (0.36) | 1.34 (0.27) | 1.44 (0.43) | | 1.76 (0.44) | 1.65 (0.67) | | 2.10 (0.79) |
| **POS** | 2.62 (1.22) | 3.19 (1.20) | 2.10 (1.28) | 2.24 (1.05) | 2.55 (1.17) | | 2.90 (1.04) | 2.90 (1.59) | | 3.55 (1.62) |
| **Error rates:** mean in percent (SD)  **Old pictures** | | | | | | | | | | |
| **NEG** | 4.3 (8.5) | 6.8 (9.7) | 2.1 (6.0) | 3.5 (6.7) | 0.9 (3.1) | | 0.9 (3.1) | 1.4 (3.8 | | 2.1 (6.0) |
| **NEU** | 6.8 (5.6) | 5.1 (5.8) | 2.8 (6.4) | 2.1 (6.0) | 3.4 (7.0) | | 3.4 (7.0) | 4.2 (6.9) | | 2.1 (6.0) |
| **POS** | 2.6 (4.9) | 2.6 (6.7) | 2.1 (4.5) | 2.8 (5.0) | 2.6 (6.7) | | 1.7 (4.2) | 1.4 (5.5) | | 1.4 (5.5) |
| **New (distractor) pictures** | | | | | | | | | | |
| **NEG** | 4.3 (7.2) | 6.8 (9.7) | 3.5 (6.7) | 5.5 (8.1) | 4.3 (8.5) | | 5.1 (5.8) | 2.1 (4.5) | | 3.5 (5.3) |
| **NEU** | 12.8 (14.2) | 6.0 (10.7) | 6.9 (10.6) | 4.2 (8.9) | 9.4 (11.0) | | 0.9 (3.1) | 10.4 (13.1) | | 3.5 (6.7) |
| **POS** | 5.1 (7.3) | 5.1 (7.3) | 0.7 (2.8) | 4.9 (5.7) | 3.4 (7.0) | | 3.4 (5.3) | 0.0 (0.0) | | 5.5 (7.0) |
| **Response times:** mean in seconds (SD)  **Old pictures** | | | | | | | | | | |
| **NEG** | 0.92 (0.13) | 0.95 (0.18) | 1.17 (0.20) | 1.26 (0.31) | 1.10 (0.28) | | 1.01 (0.25) | 1.12 (0.20) | | 1.16 (0.24) |
| **NEU** | 1.01 (0.18) | 0.99 (0.23) | 1.12 (0.18) | 1.16 (0.20) | 1.04 (0.25) | | 0.98 (0.20) | 1.04 (0.17) | | 1.12 (0.14) |
| **POS** | 1.03 (0.19) | 1.02 (0.15) | 1.30 (0.37) | 1.23 (0.28) | 1.02 (0.27) | | 0.99 (0.30) | 1.09 (0.19) | | 1.15 (0.25) |
| **New (distractor) pictures** | | | | | | | | | | |
| **NEG** | 1.22 (0.27) | 1.25 (0.25) | 1.41 (0.41) | 1.45 (0.46) | 1.28 (0.36) | | 1.30 (0.31) | 1.33 (0.28) | | 1.40 (0.30) |
| **NEU** | 1.13 (0.32) | 1.08 (0.23) | 1.29 (0.41) | 1.27 (0.24) | 1.23 (0.40) | | 1.12 (0.29) | 1.24 (0.27) | | 1.18 (0.24) |
| **POS** | 1.06 (0.26) | 1.18 (0.25) | 1.20 (0.24) | 1.46 (0.38) | 1.02 (0.19) | | 1.34 (0.37) | 1.23 (0.26) | | 1.39 (0.22) |

***Abbreviations:***NEG - negative, NEU - neutral, POS - positive, Low - low arousal, High - high arousal, SD - standard deviation