**Appendix 2**

Descriptive statistics for the three groups on the intelligence testing and re-testing sessions. Change scores and effect sizes are also shown.

|  |  |  |  |
| --- | --- | --- | --- |
| Group | Memory span | Processing speed | Passive control |
| *n*=170 | *n*=114 | *n*=193 |
|   |   | *Mean* | *SD* | *Mean* | *SD* | *Mean* | *SD* |
| Testing(pre) | RAPM | 10.65 | 2.65 | 10.38 | 2.72 | 10.38 | 2.44 |
| DAT-AR | 12.18 | 3.78 | 12.02 | 3.26 | 12.01 | 3.55 |
| DAT-VR | 11.74 | 2.93 | 11.92 | 2.72 | 11.56 | 3.22 |
| DAT-SR | 12.80 | 4.19 | 11.71 | 3.73 | 11.78 | 4.22 |
| Re-testing(post) | RAPM | 11.95 | 3.09 | 12.12 | 2.87 | 11.70 | 2.70 |
| DAT-AR | 12.29 | 3.41 | 12.27 | 3.25 | 12.27 | 3.40 |
| DAT-VR | 13.40 | 3.17 | 13.43 | 2.64 | 13.11 | 3.03 |
| DAT-SR | 15.41 | 5.08 | 14.57 | 4.22 | 14.96 | 4.78 |
| Change scores(post-pre) | RAPM | 1.31 | 2.81 | 1.75 | 2.77 | 1.33 | 2.46 |
| DAT-AR | 0.11 | 3.13 | 0.25 | 2.98 | 0.26 | 3.39 |
| DAT-VR | 1.66 | 3.06 | 1.51 | 2.78 | 1.55 | 3.08 |
| DAT-SR | 2.61 | 3.79 | 2.86 | 3.36 | 3.18 | 3.48 |
| Effect size (Cohen's *d*) | RAPM | .46 | .63 | .54 |
| DAT-AR | .04 | .09 | .08 |
| DAT-VR | .54 | .54 | .50 |
| DAT-SR | .69 | .85 | .91 |

RAPM = Raven Progressive Matrices Test, DAT = Differential Aptitude Test Battery, AR = abstract reasoning, VR = verbal reasoning, SR = spatial reasoning