Supplemental Table 1: Subject Demographics for Age-Matched Groups

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| --- | --- | --- | --- | --- |
| Demographics | Control  (N=49) | Medicated  (N=98) | Unmedicated  (N=48) | Statistic |
| Gender (% Women) | 43% | 43% | 42% | X2=.04 |
| Age | 33.19 (8.36) | 32.54 (7.49) | 32.25 (11.05) | F.16 |
| WTAR | 39.98 (7.67) | 34.29 (8.42) | 35.25 (11.69) | F=6.82\*\*  (CON > Med, Unmed) |
| Personal Years Education | 15.04 (1.82) | 13.20 (1.94) | 13.54 (2.25) | F=14.88\*\*  (CON >Med, Unmed) |
| Parental Years Education | 14.01 (2.50) | 13.57 (3.43) | 13.78 (3.20) | F=.40 |
| BPRS Positive Symptoms | -- | 8.00 (4.00) | 10.38 (4.77) | t=-3.13\*\*  (Unmed > Med) |
| BPRS Disorganization | -- | 5.28 (1.93) | 6.71 (3.77) | t=-3.00\*\*  (Unmed > Med) |
| CAINS-MAP | -- | 10.99 (6.25) | 13.23 (8.06) | t=1.81 |
| CAINS-EXP | -- | 3.54 (2.89) | 2.68 (3.01) | t=1.61 |

CON = Control; Unmed = Unmedicated; Med = Medicated

\* *p*<.05; \*\* *p*<.01

Supplemental Table 2. Partial correlations examining relationship between CPZ and task performance while covarying positive, negative and disorganization symptoms.

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| **Task Measures** | **CPZ** | **Anticholinergic Load** |
| BACS Symbol Coding | -.35\*\* | -.14 |
| HVLT Score | -.35\*\* | -.17^ |
| Letter Number Sequencing | -.30\*\* | -.12 |
| O-Run Span Score | -.30\*\* | -.13 |
| DPX | -.18 | -.08 |
| Item Encoding | -.17 | -.02 |
| Relative Encoding | -.21 | -.006 |
| IPILT Mean Negative Bias | .04 | -.03 |
| IPILT Mean Positive Bias | .08 | -.04 |
| Mean PILT Reward Learning | -.09 | .01 |
| Mean PILT Loss Avoidance | -.09 | .14 |