Appendix Table 1. Descriptive Data for Repeated Measure ANOVA Analyses, Comparing Children in the Heavy Prenatal Alcohol Exposure Group (ALC) to the IQ-Matched Comparison Group (IQC), including participants who were matched on sex, on Neuropsychological Outcome Variables. Data are Presented as Means and Standard Deviations (SD) and Represent Standard Scores (Broad Neuropsychological Variables, TOVA), Z-scores (CVLT-C), Raw Scores (CVLT-C Retention), T-scores (CBCL).

<table>
<thead>
<tr>
<th>Neuropsychological Variable</th>
<th>ALC mean (SD)</th>
<th>IQC mean (SD)</th>
<th>p-value</th>
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<td><strong>Broad Variables</strong></td>
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<td></td>
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<td>98.00 (19.32)</td>
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<td>BNT</td>
<td>87.76 (18.28)</td>
<td>87.08 (23.32)</td>
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<td>COWA Category Fluency</td>
<td>91.69 (17.83)</td>
<td>95.42 (20.73)</td>
<td>.282</td>
</tr>
<tr>
<td>WCST (composite %)</td>
<td>95.12 (14.81)</td>
<td>100.22 (17.32)</td>
<td>.065</td>
</tr>
<tr>
<td>VMI</td>
<td>86.24 (13.10)</td>
<td>89.60 (13.52)</td>
<td>.079</td>
</tr>
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<td>102.84 (14.65)</td>
<td>98.47 (12.41)</td>
<td>.080</td>
</tr>
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<td>WRAT-3 Reading</td>
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<td>99.88 (17.30)</td>
<td>.431</td>
</tr>
<tr>
<td>WRAT-3 Spelling</td>
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<td>97.29 (17.16)</td>
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<td>WRAT-3 Arithmetic</td>
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<td>99.19 (21.04)</td>
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<td><strong>Verbal Learning/Recall</strong></td>
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</tr>
<tr>
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<td>0.06 (1.06)</td>
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<td>0.26 (1.09)</td>
<td>.001</td>
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<td>CVLT-C SDF*</td>
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<td>0.12 (1.21)</td>
<td>.016</td>
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<tr>
<td>CVLT-C LDF*</td>
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<td>0.13 (1.04)</td>
<td>.005</td>
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<td>Retention of Verbal Material</td>
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<td>9.00 (3.76)</td>
<td>.231</td>
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<td><strong>Visual Sustained Attention</strong></td>
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<td>88.90 (29.42)</td>
<td>.237</td>
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<td>77.76</td>
<td>.492</td>
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<tr>
<td>Block 4</td>
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<td>(27.11)</td>
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**Behavior Problems**

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<tr>
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<tr>
<td>CBCL Anxious/Depressed*</td>
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<td>56.60</td>
<td>.005</td>
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<tr>
<td></td>
<td>(10.60)</td>
<td>(8.84)</td>
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<tr>
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<tbody>
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<td>(10.46)</td>
<td>(9.15)</td>
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<td></td>
<td>(10.74)</td>
<td>(9.27)</td>
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<td>68.83</td>
<td>56.38</td>
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<td></td>
<td>(12.61)</td>
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<thead>
<tr>
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<td>(11.48)</td>
<td>(8.25)</td>
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<td>57.19</td>
<td>&lt;.001</td>
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<tr>
<td></td>
<td>(10.84)</td>
<td>(10.19)</td>
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<thead>
<tr>
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<tbody>
<tr>
<td>CBCL Rule-Breaking Behavior*</td>
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<td>54.64</td>
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<td></td>
<td>(9.74)</td>
<td>(7.47)</td>
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<thead>
<tr>
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</thead>
<tbody>
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<td>55.31</td>
<td>&lt;.001</td>
</tr>
<tr>
<td></td>
<td>(11.99)</td>
<td>(9.70)</td>
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*Significant difference with Holm-Bonferroni correction
Appendix Table 2. Descriptive Data for Repeated Measure ANOVA Analyses, Comparing Children in the Heavy Prenatal Alcohol Exposure Group (ALC) to the IQ-Matched Comparison Group (IQC), including only participants who are right-handed, on Neuropsychological Outcome Variables. Data are Presented as Means and Standard Deviations (SD) and Represent Standard Scores (Broad Neuropsychological Variables, TOVA), Z-scores (CVLT-C), Raw Scores (CVLT-C Retention), T-scores (CBCL).

<table>
<thead>
<tr>
<th>Neuropsychological Variable</th>
<th>ALC mean (SD) (n = 43)</th>
<th>IQC mean (SD) (n = 43)</th>
<th>p-value</th>
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<td><strong>Broad Variables</strong></td>
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<td>PPVT-III</td>
<td>96.07 (19.49)</td>
<td>98.95 (19.22)</td>
<td>.280</td>
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<td>BNT</td>
<td>86.95 (20.28)</td>
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<td>90.59 (21.62)</td>
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<td>COWA Category Fluency</td>
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<td>WCST (composite %)</td>
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<td>99.57 (16.25)</td>
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<td>VMI</td>
<td>87.12 (13.23)</td>
<td>89.40 (14.01)</td>
<td>.218</td>
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<td>100.89 (11.11)</td>
<td>97.94 (10.61)</td>
<td>.127</td>
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<td>98.02 (13.54)</td>
<td>100.14 (18.13)</td>
<td>.484</td>
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<td>WRAT-3 Spelling</td>
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<td>98.12 (17.18)</td>
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<tr>
<td>WRAT-3 Arithmetic</td>
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<td>98.09 (20.63)</td>
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<td><strong>Verbal Learning/Recall</strong></td>
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<td>CVLT-C Trial 5</td>
<td>-0.35 (1.23)</td>
<td>0.11 (1.19)</td>
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<td>CVLT-C A Total*</td>
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<td>0.31 (1.17)</td>
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<td>CVLT-C SDF*</td>
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<td>CVLT-C LDF*</td>
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<td>Retention of Verbal Material</td>
<td>8.77 (3.76)</td>
<td>9.54 (3.52)</td>
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<td><strong>Visual Sustained Attention</strong></td>
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<tr>
<td><strong>Behavior Problems</strong></td>
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<tr>
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<td>54.19 (7.07)</td>
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<tr>
<td>CBCL Withdrawn/Depressed*</td>
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<td>53.63 (7.53)</td>
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<td>&lt; .001</td>
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<td>&lt; .001</td>
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<td>CBCL Aggressive Behavior*</td>
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<td>54.19 (8.39)</td>
<td>&lt; .001</td>
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*Significant difference with Holm-Bonferroni correction