

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).

Neuropsychological Variable	ALC mean (SD) (n = 42)	IQC mean (SD) (n = 42)	p-value
<i>Broad Variables</i>			
PPVT-III	95.76 (14.45)	98.00 (19.32)	.392
BNT	87.76 (18.28)	87.08 (23.32)	.877
COWA Letter Fluency	90.16 (18.49)	92.15 (21.87)	.523
COWA Category Fluency	91.69 (17.83)	95.42 (20.73)	.282
WCST (composite %)	95.12 (14.81)	100.22 (17.32)	.065
VMI	86.24 (13.10)	89.60 (13.52)	.079
Grooved Pegboard	102.84 (14.65)	98.47 (12.41)	.080
WRAT-3 Reading	97.76 (13.77)	99.88 (17.30)	.431
WRAT-3 Spelling	93.48 (13.43)	97.29 (17.16)	.244
WRAT-3 Arithmetic	90.57 (18.49)	99.19 (21.04)	.015
<i>Verbal Learning/Recall</i>			
CVLT-C Trial 5*	-0.45 (1.37)	0.06 (1.06)	.041
CVLT-C A Total*	-0.50 (1.24)	0.26 (1.09)	.001
CVLT-C SDF*	-0.55 (1.13)	0.12 (1.21)	.016
CVLT-C LDF*	-0.58 (1.42)	0.13 (1.04)	.005
Retention of Verbal Material	8.42 (3.89)	9.00 (3.76)	.231
<i>Visual Sustained Attention</i>			
TOVA Commission Errors, Block 1	96.45 (25.05)	88.90 (29.42)	.237
TOVA Commission Errors, Block 2	89.76 (29.07)	81.79 (32.16)	.225
TOVA Commission Errors, Block 3	90.50 (20.66)	89.33 (22.86)	.783
TOVA Commission Errors, Block 4	95.31 (19.09)	90.48 (21.63)	.274
TOVA Omission Errors, Block 1	88.50 (29.68)	84.40 (30.85)	.540
TOVA Omission Errors, Block 2	80.93 (32.43)	84.92 (29.10)	.479
TOVA Omission Errors, Block 3	79.64 (33.02)	82.00 (30.16)	.725

TOVA Omission Errors, Block 4	73.40 (34.02)	77.76 (27.11)	.492
<i>Behavior Problems</i>			
CBCL Anxious/Depressed*	62.95 (10.60)	56.60 (8.84)	.005
CBCL Withdrawn/Depressed*	60.45 (10.46)	55.74 (9.15)	.045
CBCL Somatic Complaints	59.98 (10.74)	56.90 (9.27)	.132
CBCL Social Problems*	68.83 (12.61)	56.38 (9.15)	<.001
CBCL Thought Problems*	65.36 (11.48)	56.17 (8.25)	<.001
CBCL Attention Problems*	71.60 (10.84)	57.19 (10.19)	<.001
CBCL Rule-Breaking Behavior*	64.90 (9.74)	54.64 (7.47)	<.001
CBCL Aggressive Behavior*	66.52 (11.99)	55.31 (9.70)	<.001

*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).

Neuropsychological Variable	ALC mean (SD) (n = 43)	IQC mean (SD) (n = 43)	p-value
<i>Broad Variables</i>			
PPVT-III	96.07 (19.49)	98.95 (19.22)	.280
BNT	86.95 (20.28)	86.27 (25.77)	.863
COWA Letter Fluency	91.00 (18.03)	90.59 (21.62)	.895
COWA Category Fluency	89.73 (18.59)	95.70 (18.53)	.094
WCST (composite %)	94.04 (13.26)	99.57 (16.25)	.058
VMI	87.12 (13.23)	89.40 (14.01)	.218
Grooved Pegboard	100.89 (11.11)	97.94 (10.61)	.127
WRAT-3 Reading	98.02 (13.54)	100.14 (18.13)	.484
WRAT-3 Spelling	93.00 (13.11)	98.12 (17.18)	.117
WRAT-3 Arithmetic	92.93 (16.73)	98.09 (20.63)	.126
<i>Verbal Learning/Recall</i>			
CVLT-C Trial 5	-0.35 (1.23)	0.11 (1.19)	.100
CVLT-C A Total*	-0.44 (1.20)	0.31 (1.17)	.005
CVLT-C SDF*	-0.44 (1.09)	0.23 (1.10)	.010
CVLT-C LDF*	-0.41 (1.35)	0.26 (1.11)	.006
Retention of Verbal Material	8.77 (3.76)	9.54 (3.52)	.101
<i>Visual Sustained Attention</i>			
TOVA Commission Errors, Block 1	90.51 (28.02)	93.53 (24.76)	.623
TOVA Commission Errors, Block 2	87.81 (28.50)	82.23 (32.42)	.404
TOVA Commission Errors, Block 3	94.07 (15.57)	89.91 (22.93)	.282
TOVA Commission Errors, Block 4	96.84 (15.84)	91.88 (22.47)	.245
TOVA Omission Errors, Block 1	88.26 (26.81)	83.14 (29.81)	.449
TOVA Omission Errors, Block 2	81.51 (31.38)	81.93 (29.10)	.949
TOVA Omission Errors, Block 3	78.56 (31.93)	79.53 (30.12)	.891

TOVA Omission Errors, Block 4	72.12 (31.77)	75.81 (27.69)	.582
<i>Behavior Problems</i>			
CBCL Anxious/Depressed*	61.50 (9.16)	54.19 (7.07)	.001
CBCL Withdrawn/Depressed*	61.58 (10.90)	53.63 (7.53)	.001
CBCL Somatic Complaints	59.75 (10.46)	56.67 (8.86)	.125
CBCL Social Problems*	68.58 (12.56)	55.49 (8.33)	< .001
CBCL Thought Problems*	64.11 (11.21)	55.77 (7.65)	< .001
CBCL Attention Problems*	71.42 (10.95)	56.19 (8.43)	< .001
CBCL Rule-Breaking Behavior*	64.65 (9.70)	54.16 (7.10)	< .001
CBCL Aggressive Behavior*	66.35 (10.35)	54.19 (8.39)	< .001

*Significant difference with Holm-Bonferroni correction

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