

S3 Table. Rapid Visual Processing

Outcome	Group	N	Mean-Pre (SD)	Mean-Post(SD)	Test Statistic (T/Z)	P Value	Effect Size d(r)	95% CI (U L)
A Prime	ADHD	40	0.789(0.05)	0.805(0.055)*	-2.119(T)	0.04	0.335	(-0.031 -0.001)
	ADHD Subgroup	22	0.798(0.044)	0.792(0.058)	0.655(T)	0.52	0.14	(-0.014 0.026)
	Control	40	0.808(0.046)	0.834(0.058)**	-3.848(T)	<0.001	0.608	(-0.039 -0.012)
B Prime	ADHD	40	0.706(0.27)	0.732(0.224)	-0.874(Z)	0.39	0.116(0.138)	(-0.071 0.039)
	ADHD Subgroup	22	0.742(0.249)	0.689(0.236)	1.306(T)	0.206	0.279	(-0.032 0.139)
	Control	40	0.853(0.158)	0.827(0.186)	1.169(Z)	0.248	0.15(0.185)	(-0.012 0.057)
Mean Latency	ADHD	40	671.89(176.507)	607.429(165.438)*	2.678(T)	0.011	0.423	(15.765 113.156)
	ADHD Subgroup	22	668.972(203.718)	617.704(179.596)	1.394(T)	0.178	0.297	(-25.21 127.745)
	Control	40	616.072(163.363)	549.698(140.712)**	3.898(Z)	<0.001	0.498(0.616)	(34.998 95.933)
Probability of	ADHD	40	0.055(0.082)	0.042(0.048)	0.538(Z)	0.599	0.179(0.085)	(-0.007 0.014)

False Alarm	ADHD							
	Subgroup	22	0.043(0.057)	0.049(0.048)	-0.622(T)	0.541	0.133	(-0.026 0.014)
	Control	40	0.018(0.026)	0.023(0.032)	-1.075(Z)	0.289	0.189(0.17)	(-0.006 0.001)
Probability of Hit	ADHD	40	0.334(0.135)	0.371(0.124)	-1.624(T)	0.112	0.257	(-0.083 0.009)
	ADHD							
	Subgroup	22	0.339(0.118)	0.355(0.114)	-0.492(T)	0.628	0.105	(-0.084 0.052)
	Control	40	0.31(0.139)	0.409(0.2)**	-4.369(T)	<0.001	0.691	(-0.146 -0.053)
SD Latency	ADHD	40	316.615(122.399)	308.776(105.853)	0.36(T)	0.721	0.057	(-36.217 51.895)
	ADHD							
	Subgroup	22	320.04(115.998)	314.067(116.257)	0.237(T)	0.815	0.05	(-46.514 58.461)
	Control	40	269.9(115.645)	266.67(115.782)	0.192(T)	0.849	0.03	(-30.867 37.327)
Total Correct Rejections	ADHD	40	440.575(36.409)	451.85(27.58)*	-2.481(Z)	0.012	0.361(0.392)	(-15 -2)
	ADHD							
	Subgroup	22	446.5(26.133)	447.227(28.574)	-0.166(T)	0.87	0.035	(-9.847 8.392)
	Control	40	458(18.383)	466.825(26.952)**	-3.152(T)	0.003	0.498	(-14.487 -3.163)
Total False Alarms	ADHD	40	25.925(39.316)	19.775(22.758)	0.504(Z)	0.62	0.182(0.08)	(-3.5 7)
	ADHD							
	Subgroup	22	20.227(27.041)	22.818(22.187)	-0.576(T)	0.571	0.123	(-11.949 6.767)

	Control	40	8.325(11.93)	10.725(15.274)	-1.315(Z)	0.192	0.204(0.208)	(-4.5 1)
Total Hits	ADHD	40	18(7.278)	20(6.653)	-1.627(T)	0.112	0.257	(-4.486 0.486)
	ADHD Subgroup	22	18.273(6.318)	19.136(6.105)	-0.493(T)	0.627	0.105	(-4.505 2.778)
	Control	40	16.725(7.511)	22.1(10.775)**	-4.369(T)	<0.001	0.691	(-7.864 -2.886)
Total Misses	ADHD	40	35.975(7.308)	33.975(6.685)	1.619(T)	0.114	0.256	(-0.499 4.499)
	ADHD Subgroup	22	35.682(6.38)	34.818(6.177)	0.489(T)	0.63	0.104	(-2.811 4.538)
	Control	40	37.275(7.511)	31.9(10.775)**	4.369(T)	<0.001	0.691	(2.886 7.864)

* indicates statistical significance at an alpha of 0.05 (2-tailed) for difference from pre- to post-intervention within group.

** indicates statistical significance after a Bonferroni correction of $0.05/10 = 0.005$.

For each variable and group, the normality assumption for T-Tests was verified using a Shapiro-Wilks test. If the Shapiro-Wilks test indicated that the distribution of scores did not meet normality, a Wilcoxon rank sum test was performed instead. In the Test Statistic column this is indicated by a (T) or (Z) after the test statistic indicating if a T-Test (T) or a Wilcoxon test (Z) was performed. P values were calculated according to the statistical test run. Effect sizes are Cohen's d with rank-sum correlation in parentheses if appropriate.