

Supplementary Table 1. Groups comparisons of executive functions among cADHD, sADHD, and HC groups controlling age, gender and IQ

Executive functions	cADHD (1)	sADHD (2)	HC (3)	F	p	Post hoc
Lab-based EFs						
DST-backward	4.68±1.76	3.89±1.56	5.44±1.62	5.32	0.006	3>1>2
SCWT, word interference	29.79±29.56	31.76±16.12	19.06±9.93	7.49	0.001	2=1>3
TMT, shifting time	157.42±116.90	129.40±108.09	91.56±68.48	3.32	0.038	-
Ecological EFs						
Inhibit	18.48±4.64	15.85±3.60	11.55±1.30	28.48	<0.001	1>2>3
Shift	12.92±2.75	12.12±2.79	9.77±2.05	10.72	<0.001	1=2>3
Working memory	23.10±3.03	18.64±2.83	13.14±2.70	114.75	<0.001	1>2>3

Values are presented as mean±standard deviation. Ecological EFs were assessed using the related factors in Behavior Rating Inventory of Executive Functioning. ADHD, attention-deficit/hyperactivity disorder; cADHD, diagnosed ADHD; sADHD, subthreshold ADHD; HC, healthy control; IQ, intelligence quotient; EFs, executive functions; DST, Digital Span Test; SCWT, Stroop Color Word Test; TMT, Trail Making Test