

Appendix 1 to Huang, X, Bu, X, Yang, C, et al. Quantitative Tractography Reveals Changes in the Corticospinal Tract in Drug-Naïve Children with Attention-Deficit/Hyperactivity Disorder. *J Psychiatry Neurosci* 2019.

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Effect size of group comparison				
Variable	T	p	Cohen's d	effect-size(r)
Age	-1.12	0.27	-0.27	0.13
IQ scores	-0.43	0.67	-0.10	0.05
Conners' Parent Rating Scale				
Conduct problem	7.03	<0.001	1.80	0.67
Psychosomatic	4.71	<0.001	1.19	0.51
Anxiety	3.23	0.002	0.80	0.37
Study problem	9.94	<0.001	2.38	0.77
Hyperactivity–impulsivity	6.88	<0.001	1.69	0.65
Hyperactivity index	8.93	<0.001	2.13	0.73
Stroop Color-Word Test				
Total time, ms	2.59	0.012	0.71	0.34
No. right	-2.27	0.027	-0.54	0.26
No. errors	1.06	0.29	0.25	0.13
No. missing	1.39	0.17	0.33	0.16
Continue Performance Test				
Full scale control quotient	-1.16	0.27	-0.28	0.14
Visual control quotient	-1.26	0.21	-0.30	0.15
Auditory control quotient	-1.09	0.28	-0.26	0.13
Full scale attention quotient	-4.31	<0.001	-1.03	0.46
Visual attention quotient	-3.85	<0.001	-0.92	0.42

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Auditory attention quotient	-4.05	<0.001	-0.97	0.44
Diffusion Measurement*				
FA_(16-24)	3.46	<0.001	0.83	0.38
RD_(16-24)	3.33	<0.001	0.80	0.37
MD_(16-24)	1.06	0.29	0.25	0.13
AD_(16-24)	1.06	0.29	0.25	0.13
FA_(83-95)	3.31	<0.001	0.79	0.37
RD_(83-95)	2.24	0.02	0.54	0.26
MD_(83-95)	0.54	0.59	0.13	0.06
AD_(83-95)	2.23	0.02	0.55	0.27

* The effect size of diffusion measurements were from the group comparison where the mean value across significant nodes (Node 16-24, Node 83-95) was calculated. This calculation is different from the pointwise comparisons that we performed in our study.

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