

Table S2. Retrospective Design Analysis on the highest observed effect size (Cohen d), the ratio between the observed Standard Deviation (SDratio) and the sample size of each subgroup (n1 and n2) reporting the observed power (P) and the type M (M) and type S (S) errors. In bold the observed power greater than 60%.

BIS-11 Attentional								BIS-11 Motor						BIS-11 Non-planning						BIS-11 Total												
	d	SD	ratio	n1	n2	P	M	S	d	SD	ratio	n1	n2	P	M	S	d	SD	ratio	n1	n2	P	M	S	d	SD	ratio	n1	n2	P	M	S
5-HTTLPR *	0.53	1.61	49	20	0.58	1.31	0.00	0.68	0.97	32	20	0.64	1.27	0.00	0.31	1.19	64	46	0.37	1.63	0.00	0.80	1.61	49	20	0.91	1.07	0.00				
Gender																																
BDNF	0.28	0.55	14	80	0.22	2.11	0.01	0.34	0.59	14	131	0.34	1.69	0.01	0.62	0.54	14	80	0.75	1.16	0.00	0.85	0.55	14	80	0.95	1.04	0.00				
COMT	0.10	0.73	50	100	0.10	4.07	0.07	0.11	0.73	50	100	0.11	3.59	0.05	0.18	0.82	75	100	0.21	2.20	0.00	0.16	0.73	50	100	0.18	2.50	0.01				