

**Supplementary Material 5.** Summary of meta-analytic results.

Outcome	K	Number of patients	ES				Homogeneity statistics			Egger's test ( <i>p</i> )	Trim and fill analysis	
			ES	LL	UL	<i>p</i> -value	Q	<i>p</i> -value	I <sup>2</sup>		Trimmed studies	Adjusted ES
<i>Objective Cognitive Functioning</i>												
Global cognition	22	2193	0.19	0.06	0.32	0.005	189.54	<0.001	88.92%	-2.18 (0.041)	0	0.19
Attention and Working Memory	17	1717	0.13	0.07	0.19	<0.001	24.56	0.078	34.86%	0.38 (0.708)	0	0.13
Executive functions	19	1834	0.13	0.09	0.18	<0.001	18.05	0.453	0.26%	0.16 (0.877)	0	0.13
Language	16	1679	0.10	0.05	0.16	0.001	17.76	0.276	15.54%	-0.35 (0.729)	0	0.10
Memory	20	2845	0.16	0.11	0.21	<0.001	29.41	0.060	35.41%	-0.27 (0.789)	0	0.16
Visuospatial abilities	13	1384	0.08	-0.01	0.18	0.080	32.79	0.001	63.41%	-0.36 (0.722)	0	0.08
<i>Neuropsychiatric symptoms</i>												
Depressive	21	2438	0.37	0.25	0.50	<0.001	244.27	<0.001	92.81%	-2.99 (0.008)	0	0.37
Anxious	9	849	0.36	0.11	0.60	0.005	120.11	<0.001	93.34%	-2.83 (0.025)	0	0.36
Apathetic	3	487	0.41	0.17	0.65	0.001	15.18	0.001	86.82	-24.86 (0.026)	0	0.41

Abbreviations: K = number of studies; ES = Effect Size; LL = Lower Limit on a 95% confidence interval; UL = Upper Limit on a 95% confidence interval; Q and I<sup>2</sup> = heterogeneity statistics.