

Table S3 Prevalence of Cognitive Impairment in Alternative Versions of Mood Disorder Groups^a

Impairment threshold		Mania/bipolar		Major depression		
		Broad	Narrow	Broad	Narrow	
Reasoning	<i>n</i>	572	152	9,925	816	
≤ unexposed 4 th percentile score (Unexposed prevalence 4.16%)	Crude prevalence %	7.69	10.53	5.95	8.82	
	95% CI	5.51, 9.87	5.65, 15.41	5.48, 6.42	6.87, 10.77	
	Crude prevalence ratio	1.85*	2.53*	1.43*	2.12*	
	95% CI	1.39, 2.46	1.59, 4.03	1.32, 1.56	1.70, 2.65	
	Standardised prevalence %	7.61	11.15	6.07	9.24	
	95% CI	5.44, 9.79	6.15, 16.15	5.60, 6.54	7.25, 11.22	
	Standardised prevalence ratio	1.83*	2.68*	1.46* ^b	2.22* ^c	
	95% CI	1.37, 2.45	1.64, 4.37	1.34, 1.60	1.75, 2.80	
	Reaction time	<i>n</i>	1,621	424	30,051	2,123
	> unexposed 95 th percentile score (Unexposed prevalence 4.98%)	Crude prevalence %	8.27	8.25	5.80	7.68
95% CI		6.93, 9.61	5.63, 10.87	5.54, 6.06	6.55, 8.81	
Crude prevalence ratio		1.66*	1.66*	1.16*	1.54*	
95% CI		1.41, 1.96	1.21, 2.28	1.10, 1.23	1.33, 1.79	
Standardised prevalence %		8.62	9.51	6.13	8.12	
95% CI		7.25, 9.98	6.72, 12.30	5.85, 6.40	6.96, 9.28	
Standardised prevalence ratio		1.73*	1.91*	1.23* ^d	1.63*	
95% CI		1.46, 2.05	1.37, 2.66	1.17, 1.30	1.40, 1.91	
Numeric memory		<i>n</i>	152	37	2,910	233
≤ unexposed 5 th percentile score (Unexposed prevalence 5.22%)		Crude prevalence %	12.50	0.00	7.49	11.16
	95% CI	7.24, 17.76		6.53, 8.45	7.12, 15.20	
	Crude prevalence ratio	2.40*		1.44*	2.14*	
	95% CI	1.57, 3.66		1.25, 1.65	1.48, 3.08	
	Standardised prevalence %	12.95		7.51	11.07	
	95% CI	7.61, 18.28		6.56, 8.47	7.04, 15.09	
	Standardised prevalence ratio	2.48*		1.44*	2.12*	
	95% CI	1.61, 3.81		1.24, 1.66	1.40, 3.21	
Pairs matching	<i>n</i>	1,651	434	30,365	2,151	
> unexposed 95 th percentile score (Unexposed prevalence 4.38%)	Crude prevalence %	7.63	7.37	5.37	6.51	
	95% CI	6.35, 8.91	4.91, 9.83	5.12, 5.62	5.47, 7.55	
	Crude prevalence ratio	1.74*	1.68*	1.23*	1.49*	
	95% CI	1.47, 2.07	1.20, 2.35	1.16, 1.30	1.26, 1.75	
	Standardised prevalence %	7.80	8.23	5.87	7.05	
	95% CI	6.50, 9.09	5.65, 10.82	5.60, 6.13	5.97, 8.13	
	Standardised prevalence ratio	1.78* ^e	1.88*	1.34*	1.61*	
	95% CI	1.50, 2.12	1.33, 2.67	1.26, 1.42	1.36, 1.90	
	Prospective memory	<i>n</i>	614	165	10,395	877
	Incorrect score (Unexposed prevalence 22.82%)	Crude prevalence %	36.64	41.21	26.35	31.58
95% CI		32.83, 40.45	33.70, 48.72	25.50, 27.20	28.50, 34.66	
Crude prevalence ratio		1.61*	1.81*	1.15*	1.38*	
95% CI		1.45, 1.78	1.50, 2.17	1.12, 1.19	1.25, 1.53	
Standardised prevalence %		36.74	42.67	27.16	33.09	
95% CI		32.93, 40.55	35.13, 50.22	26.30, 28.01	29.97, 36.20	
Standardised prevalence ratio		1.61* ^f	1.87*	1.19* ^g	1.45* ^h	
95% CI		1.45, 1.79	1.54, 2.26	1.15, 1.23	1.32, 1.61	

Abbreviations: CI, confidence interval.

Standardised estimates are directly standardised by age and gender with reference to the unexposed comparison group.

* Significant at $P < 0.05$ (two-tailed).

^a Exposure groups formed without reference to mood disorder questionnaire data.

^b Significant interaction with gender: women ratio = 1.31 (CI 1.18, 1.46); men ratio = 1.62 (CI 1.41, 1.87).

^c Significant interaction with gender: women ratio = 1.65 (CI 1.20, 2.29); men ratio = 2.84 (CI 2.05, 3.92).

^d Significant interaction with age and gender: <60 years ratio = 1.42 (CI 1.31, 1.54); ≥60 years ratio = 1.13 (CI 1.05, 1.22); women ratio = 1.13 (CI 1.05, 1.21); men ratio = 1.36 (CI 1.25, 1.49).

^e Significant interaction with age: <60 years ratio = 2.17 (CI 1.74, 2.72); ≥60 years ratio = 1.52 (CI 1.16, 1.98).

^f Significant interaction with age: <60 years ratio = 1.79 (CI 1.55, 2.07); ≥60 years ratio = 1.46 (CI 1.25, 1.71).

^g Significant interaction with age and gender: <60 years ratio = 1.25 (CI 1.19, 1.32); ≥60 years ratio = 1.13 (CI 1.08, 1.19); women ratio = 1.12 (CI 1.07, 1.17); men ratio = 1.26 (CI 1.19, 1.34).

^h Significant interaction with gender: women ratio = 1.31 (CI 1.15, 1.49); men ratio = 1.61 (CI 1.39, 1.88).