

Supplementary Table 2. Results of multiple response frequency analysis of four latent classes on diagnosis

Category	Diagnosis	N (%)				
		Overall (N=348)	Class 1 (N=68)	Class 2 (N=129)	Class 3 (N=60)	Class 4 (N=91)
Neurodevelopmental disorder	ID	18	2 (3.0)	7 (3.6)	4 (4.5)	5 (3.2)
	BIF	22	6 (9.0)	8 (4.1)	4 (4.5)	4 (2.6)
	Autism	9	0 (0.0)	6 (3.1)	1 (1.1)	2 (1.3)
	ADHD	20	2 (3.0)	12 (6.1)	2 (2.2)	4 (2.6)
	Tic	9	1 (1.5)	4 (2.0)	2 (2.2)	2 (1.3)
	Developmental	9	2 (3.0)	6 (3.1)	1 (1.1)	0 (0.0)
	Sub total	87	13 (19.4)	43 (21.9)	14 (15.7)	17 (11.0)
Schizophrenia spectrum disorder	Schizophrenia	13	3 (4.5)	1 (0.5)	4 (4.5)	5 (3.2)
	Other psychotic	11	1 (1.5)	3 (1.5)	1 (1.1)	6 (3.9)
	Sub total	24	4 (6.0)	4 (2.0)	5 (5.6)	11 (7.1)
Bipolar disorder	Bipolar	40	3 (4.5)	10 (5.1)	13 (14.6)	14 (9.0)
Depressive disorder	Depressive	161	16 (23.9)	69 (35.2)	22 (24.7)	54 (34.8)
	Dep with PF	13	1 (1.5)	4 (2.0)	3 (3.4)	5 (3.2)
	Sub total	174	17 (25.4)	73 (37.2)	25 (28.1)	59 (38.1)
Anxiety disorder	Panic	28	3 (4.5)	9 (4.6)	9 (10.1)	7 (4.5)
	Social anxiety	31	3 (4.5)	19 (9.7)	2 (2.2)	7 (4.5)
	Other anxiety	16	1 (1.5)	6 (3.1)	3 (3.4)	6 (3.9)
	Sub total	75	7 (10.4)	34 (17.3)	14 (15.7)	20 (12.9)
OCD	OCD	13	1 (1.5)	6 (3.1)	3 (3.4)	3 (1.9)
Stress-related disorder	PTSD	8	1 (1.5)	2 (1.0)	3 (2.2)	3 (1.9)
	Adjustment	18	9 (13.4)	4 (2.0)	3 (3.4)	2 (1.3)
	Sub total	26	10 (14.9)	6 (3.1)	5 (5.6)	5 (3.2)
Personality disorder	Antisocial	2	0 (0.0)	0 (0.0)	2 (2.2)	0 (0.0)
	Schizoid	1	1 (1.5)	0 (0.0)	0 (0.0)	0 (0.0)
	Schizotypal	1	0 (0.0)	0 (0.0)	1 (1.1)	0 (0.0)
	Paranoid	3	0 (0.0)	1 (0.5)	1 (1.1)	1 (0.6)
	Histrionic	3	0 (0.0)	0 (0.0)	1 (1.1)	2 (1.3)
	Avoidant	6	0 (0.0)	2 (1.0)	0 (0.0)	4 (2.6)
	OCPD	2	1 (1.5)	1 (0.5)	0 (0.0)	0 (0.0)
	Borderline	8	0 (0.0)	4 (2.0)	2 (2.2)	2 (1.3)
	Other PD	5	0 (0.0)	1 (0.5)	0 (0.0)	4 (2.6)
	Sub total	31	2 (3.0)	9 (4.6)	7 (7.9)	13 (8.4)
Other disorder	Gender identity	4	2 (3.0)	2 (1.0)	0 (0.0)	0 (0.0)
	Impulse control	14	3 (4.5)	4 (2.0)	2 (2.2)	5 (3.2)
	Alcohol use	6	0 (0.0)	0 (0.0)	1 (1.1)	5 (3.2)
	Others	13	5 (7.5)	5 (2.6)	0 (0.0)	3 (1.9)
	Sub total	37	10 (14.9)	11 (5.6)	3 (3.4)	13 (8.4)
	Total	507	67	196	89	155
	No diagnosis	57	23 (33.8)	13 (10.1)	11 (18.3)	10 (11.0)

Diagnosis was based on the participants' medical certificate. %: percentage of frequency within class, ID: intellectual disability, BIF: borderline intellectual functioning, ADHD: attention deficit hyperactivity disorder, Dep with PF: depressive disorder with psychotic feature, OCD: obsessive-compulsive disorder, PTSD: post traumatic stress disorder, OCPD: obsessive-compulsive personality disorder