

Interactive Effect of Stressful Life Events and the Serotonin Transporter 5-HTTLPR Genotype on Posttraumatic Stress Disorder Diagnosis in 2 Independent Populations

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Table. PTSD Comorbidities and Their Distributions by 5-HTTLPR Genotypes

	No. (%)				Whole Sample, No. (%)					Sample With PTSD, No. (%)				
	Sample Without PTSD (n=1023)	Sample With PTSD (n=229)			L'L'	L'S'	S'S'			L'L'	L'S'	S'S'		
	χ^2	P Value	χ^2	P Value	χ^2	P Value	χ^2	P Value						
Male sex	560 (54.7)	96 (41.9)	12.3	<.001	163 (46.2)	327 (53.9)	166 (56.8)	8.3	.02	18 (34.0)	49 (41.5)	29 (50.0)	2.9	.23
EA ethnicity	468 (45.7)	114 (50.0)	1.3	.26	137 (38.8)	298 (49.1)	147 (50.3)	11.8	.003	21 (40.0)	63 (53.4)	30 (51.7)	2.9	.24
Psychiatric disorders														
ADHD	52 (5.1)	23 (10.0)	8.2	.004	21 (5.9)	36 (5.9)	18 (6.2)	0.02	.99	3 (5.7)	13 (11.0)	7 (12.1)	1.5	.47
ASPD	138 (13.5)	41 (17.9)	3.0	.08	45 (12.7)	94 (15.5)	40 (13.7)	1.5	.48	9 (17.0)	18 (15.3)	14 (24.1)	2.1	.35
PG	70 (6.8)	30 (13.1)	10.0	.002	24 (6.8)	47 (7.7)	29 (9.9)	2.2	.33	6 (11.3)	15 (12.7)	9 (15.5)	0.5	.79
Panic disorder	51 (5.0)	34 (14.8)	28.8	<.001	30 (8.5)	36 (6.0)	19 (6.5)	2.4	.31	10 (18.9)	15 (12.7)	9 (15.5)	1.1	.57
Agoraphobia	42 (4.1)	23 (10.0)	13.4	<.001	13 (3.7)	38 (6.3)	14 (4.8)	3.1	.21	2 (3.8)	15 (12.7)	6 (10.3)	3.2	.20
Social phobia	47 (4.6)	25 (10.9)	13.8	<.001	19 (5.4)	39 (6.4)	14 (4.8)	1.1	.58	4 (7.5)	16 (13.6)	5 (8.6)	1.8	.41
MDD	135 (13.2)	74 (32.3)	49.2	<.001	61 (17.3)	103 (17.0)	45 (15.4)	0.47	.79	23 (43.4)	34 (28.8)	17 (29.3)	3.9	.14
BPD	42 (4.1)	23 (10.0)	13.4	<.001	14 (4.0)	36 (5.9)	15 (5.1)	1.8	.42	4 (7.5)	15 (12.7)	4 (6.9)	1.9	.38

Abbreviations: ADHD, attention-deficit/hyperactivity disorder; ASPD, antisocial personality disorder; BPD, bipolar disorder; EA, European American; MDD, major depressive disorder; PG, pathological gambling; PTSD, posttraumatic stress disorder.