



THE JOURNAL OF
CLINICAL PSYCHIATRY

THE OFFICIAL JOURNAL OF THE AMERICAN SOCIETY OF CLINICAL PSYCHOPHARMACOLOGY

Supplementary Material

Article Title: Effects of Psychiatric Disorders on Suicide Attempt: Similarities and Differences Between Older and Younger Adults in a National Cohort Study

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DOI Number: <https://doi.org/10.4088/JCP.17m11911>

List of Supplementary Material for the article

1. [Table 1](#) Multiple-group (by age groups) bifactor model of the distress-fear-externalizing structure underlying past-year Axis I disorders and lifetime Axis II disorders in the full population in Wave 1 of the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC).
2. [Table 2](#) Multiple-group (by age groups) bifactor model of the internalizing I-internalizing II-externalizing structure underlying past-year Axis I disorders and lifetime Axis II disorders in the full population in Wave 1 of the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC).

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SUPPLEMENTARY MATERIAL

Supplementary Table 1. Multiple-group (by age groups) bifactor model of the distress-fear-externalizing structure underlying past-year Axis I disorders and lifetime Axis II disorders in the full population in Wave 1 of the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC).

CFI	0.969															
TLI	0.963															
RMSEA	0.016															
Age	≤30 years				31–40 years				41–49 years				≥50 years			
Mean age (SE)	24.1 (3.8)				35.7 (2.9)				44.9 (2.6)				64.2 (10.4)			
Disorder	GPF	Distress	Fear	EXT	GPF	Distress	Fear	EXT	GPF	Distress	Fear	EXT	GPF	Distress	Fear	EXT
MDE	0.59	0.49			0.65	0.52			0.62	0.64			0.74	0.48		
Dysthymia	0.58	0.62			0.59	0.62			0.56	0.75			0.61	0.52		
GAD	0.73	0.38			0.73	0.37			0.70	0.46			0.77	0.32		
Panic disorder	0.72		0.26		0.68		0.26		0.70		0.22		0.77		0.20	
Social anxiety	0.51		0.80		0.51		0.84		0.51		0.70		0.55		0.62	
Specific phobia	0.46		0.37		0.46		0.40		0.46		0.33		0.50		0.29	
Antisocial PD	0.42			0.39	0.44			0.41	0.47			0.44	0.53			0.49
Alcohol dependence	0.31			0.45	0.38			0.55	0.40			0.59	0.50			0.73
Drug dependence	0.58			0.60	0.65			0.66	0.66			0.68	0.73			0.75
Nicotine dependence	0.41			0.46	0.42			0.47	0.41			0.46	0.50			0.56

Factor covariance																
GPF	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Distress	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00
Fear	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
EXT	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00

Abbreviations: CFI, Comparative Fit Index; EXT, externalizing dimension; GAD, generalized anxiety disorder; GPF, general psychopathological factor; MDE, major depressive episode; OCPD, obsessive-compulsive personality disorder; PD, personality disorder; RMSEA, Root Mean Square Error of Approximation; SAD, social anxiety disorder; SE, standard error; TLI, Tucker-Lewis Index.

Supplementary Table 2. Multiple-group (by age groups) bifactor model of the internalizing I-internalizing II-externalizing structure underlying past-year Axis I disorders and lifetime Axis II disorders in the full population in Wave 1 of the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC).

CFI	0.968															
TLI	0.966															
RMSEA	0.011															
Age	≤30 years				31–40 years				41–49 years				≥50 years			
Mean age (SE)	24.1 (3.8)				35.7 (2.9)				44.9 (2.6)				64.2 (10.4)			
Disorder	GPF	Distress	Other INT	EXT	GPF	Distress	Other INT	EXT	GPF	Distress	Other INT	EXT	GPF	Distress	Other INT	EXT
MDE	0.66	0.44			0.69	0.46			0.70	0.47			0.74	0.50		
Dysthymia	0.65	0.60			0.66	0.61			0.66	0.61			0.65	0.60		
GAD	0.74	0.32			0.74	0.32			0.73	0.31			0.75	0.32		
Panic disorder	0.66	0.14			0.64	0.14			0.65	0.14			0.70	0.15		
Social anxiety	0.66		0.27		0.68		0.28		0.64		0.27		0.67		0.28	
Specific phobia	0.51		0.14		0.52		0.14		0.50		0.14		0.52		0.14	
Mania/hypomania	0.63		-0.03		0.74		-0.03		0.76		-0.03		0.81		-0.03	
Avoidant PD	0.71		0.37		0.75		0.39		0.73		0.38		0.77		0.40	
Dependent PD	0.74		0.38		0.79		0.41		0.79		0.41		0.75		0.39	
OCPD	0.57		0.44		0.54		0.42		0.54		0.42		0.57		0.45	
Schizoid PD	0.61		0.42		0.62		0.43		0.62		0.44		0.63		0.44	
Paranoid PD	0.70		0.43		0.73		0.45		0.73		0.45		0.77		0.47	

Histrionic PD	0.57		0.31		0.62		0.34		0.65		0.36		0.67		0.36	
Antisocial PD	0.49			0.37	0.51			0.38	0.52			0.39	0.59		0.44	
Alcohol dependence	0.32			0.44	0.39			0.53	0.42			0.56	0.52		0.70	
Drug dependence	0.57			0.62	0.61			0.67	0.63			0.69	0.68		0.75	
Nicotine dependence	0.40			0.49	0.41			0.50	0.40			0.48	0.47		0.58	
Pathological gambling	0.40			0.26	0.44			0.29	0.41			0.26	0.44		0.28	
Factor covariance																
GPF	1.00				1.00				1.00				1.00			
INT 1	0.00	1.00			0.00	1.00			0.00	1.00			0.00	1.00		
INT 2	0.00	0.00	1.00		0.00	0.00	1.00		0.00	0.00	1.00		0.00	0.00	1.00	
EXT	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00

Abbreviations: CFI, Comparative Fit Index; EXT, externalizing dimension; Other INT, other internalizing dimension; GAD, generalized anxiety disorder; GPF, general psychopathological factor; MDE, major depressive episode; OCPD, obsessive-compulsive personality disorder; PD, personality disorder; RMSEA, Root Mean Square Error of Approximation; SAD, social anxiety disorder; SE, standard error; TLI, Tucker-Lewis Index.