

**Disentangling the Relationship Between Posttraumatic Stress Disorder, Criminogenic Risk, and Criminal
History Among Veterans**

Online Supplemental Materials

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Table S1: Correlation Matrix

Variable	1	2	3	4	5	6	7	8	9	10	11	12
1. Criminal History Index	—											
2. TriPM total	.139	—										
3. General Criminal Thinking (PICTS)	.207	.634	—									
4. Antisocial Associates (MCAA)	.153	.315	.276	—								
5. Alcohol use (TLFB)	-.084	-.014	.029	-.061	—							
6. Drug use (TLFB)	.017	.116	.257	.233	.160	—						
7. Family/marital (ASI)	-.093	.208	.230	-.045	.065	.077	—					
8. Employment (ASI)	.079	.006	.058	-.027	.009	-.033	.127	—				
9. Leisure/recreation	.048	.018	.038	.027	-.020	-.005	.082	-.116	—			
10. Age	.331	-.363	-.179	-.081	.104	-.075	-.184	.047	.206	—		
11. Education	-.103	.035	-.028	.067	-.05	-.066	.088	-.075	.104	-.004	—	
12. Race/ethnicity	-.05	-.056	-.044	.101	.001	-.008	.071	-.022	-.011	-.036	-.074	—
13. PTSD diagnosis	-.022	.351	.335	.161	-.161	-.016	.118	.206	.038	-.213	.132	.026

Note. TriPM = Triarchic Psychopathy Measure; PICTS = Psychological Inventory of Criminal Thinking Styles; MCAA = Measures of Criminal Attitudes and Associates; TLFB = Timeline Follow-Back; ASI = Addiction Severity Index; PTSD = posttraumatic stress disorder.

Table S2: Sensitivity Analysis (PTSD lower threshold): Bivariate analysis of criminal history and criminogenic needs by PTSD diagnostic status

	Full Sample ^a	PTSD ^b	No PTSD ^c	t-test (df)	<i>p</i>	95% <i>CI</i>
	M (<i>SD</i>)	M (<i>SD</i>)	M (<i>SD</i>)			
Criminal history (ASI, Lifetime)						
Number of criminal charges	14.26 (19.21)	14.77 (20.99)	12.66 (11.93)	.87 (339)	.386	[-6.90, 2.68]
Number of convictions	6.35 (9.63)	6.13 (9.27)	7.02 (10.69)	.729 (335)	.467	[-1.515, 3.30]
Number of months incarcerated	37.96 (65.07)	35.6 (62.7)	45.58 (72.08)	1.2 (334)	.231	[-6.38, 26.39]
Criminal History Index ^d	-.08 (2.13)	-.12 (2.12)	.04 (2.17)	.60 (330)	.552	[-.38, .70]
Antisocial personality pattern (TriPM)						
Total scores	82.96 (20.07)	86.76 (19.33)	70.95 (17.55)	-6.59 (339)	<.001	[-20.52,11.09]
Boldness	31.96 (8.19)	32.07 (8.14)	31.60 (8.38)	-.46 (339)	.651	[-2.51, 1.57]
Meanness	16.99 (10.46)	18.58 (10.41)	11.97 (9.01)	-5.17 (339)	<.001	[-9.12, -4.09]
Disinhibition	34.01 (11.45)	36.11 (10.79)	27.37 (10.96)	-6.36 (339)	<.001	[-11.44, -6.04]
Antisocial cognitions (PICTS; T-scores)						
Mollification	52.41 (11.78)	53.88 (12.22)	47.77 (8.84)	-4.20 (339)	<.001	[-8.98, -3.25]
Cutoff	61.60 (10.99)	63.32 (10.99)	56.21 (9.12)	-5.30 (339)	<.001	[-9.74, -4.47]
Entitlement	55.99 (11.50)	57.65 (11.83)	50.79 (8.59)	-4.85 (339)	<.001	[-9.63, -4.08]
Power Orientation	57.46 (12.23)	59.13 (12.32)	52.18 (10.39)	-4.61 (339)	<.001	[-9.91, -3.99]
Super-optimism	55.55 (12.18)	57.36 (12.17)	49.84 (10.34)	-5.04 (339)	<.001	[-10.45, -4.58]
Cognitive Indolence	56.48 (9.95)	57.83 (9.99)	52.22 (8.52)	-4.58 (339)	<.001	[-8.02, -3.20]

Discontinuity	59.72 (11.36)	61.22 (11.55)	54.95 (9.43)	-4.48 (339)	<.001	[-9.03, -3.52]
Problem Avoidance	60.48 (10.65)	61.84 (10.70)	56.17 (9.31)	-4.31 (339)	<.001	[-8.26, -3.08]
Self-Assertion/Deception	56.54 (11.58)	58.31 (11.63)	50.93 (9.48)	-5.23 (339)	<.001	[-10.17, -4.61]
Current Criminal Thinking	59.78 (11.02)	61.30 (11.14)	54.98 (9.15)	-4.67 (339)	<.001	[-8.99, -3.66]
Proactive Criminal Thinking	56.49 (12.33)	58.47 (12.55)	50.26 (9.22)	-5.47 (339)	<.001	[-11.16, -5.26]
Reactive Criminal Thinking	60.14 (11.09)	61.83 (11.20)	54.79 (8.85)	-5.19 (339)	<.001	[-9.70, -4.37]
General Criminal Thinking	59.12 (11.71)	61.14 (11.83)	52.80 (8.78)	-5.89 (339)	<.001	[-11.13, -5.56]
Antisocial associates (MCAA)						
Criminal Friends Index	7.84 (8.46)	8.49 (8.66)	5.62 (7.41)	-1.83 (162)	.069	[-5.96, .23]
Substance use problems (TLFB)						
Days in past 6 months using alcohol	38.39 (51.22)	38.01 (51.37)	39.61 (51.03)	.24 (339)	.807	[-11.20, 14.37]
Days in past 6 months using drugs	50.97 (58.34)	55.65 (59.68)	39.18 (55.68)	-2.66 (339)	.008	[-33.88, -5.10]
Family/marital dysfunction (ASI)						
Family/Social composite	0.21 (0.20)	0.23 (.20)	0.13 (0.15)	-3.75 (335)	<.001	[-.134, -.04]
Employment problems (ASI)						
Employment composite	0.81(0.21)	0.81 (.21)	0.80 (.21)	-.036 (338)	.971	[-.05, .05]
Prosocial activities						
Self-Help Group Involvement	5.7 (2.37)	5.73 (2.35)	5.46 (2.44)	-.903 (328)	.378	[-.88, .33]

Notes. ^a N = 341, ^b N = 259, ^c N = 82. ^d z-scored composite based on the average lifetime charges, convictions, and months incarcerated. ASI = Addiction Severity Index. TriPM = Triarchic Psychopathy Measure, PICTS = Psychological Inventory of Criminal Thinking Styles, MCAA = Measures of Criminal Attitudes and Associates. TLFB = Timeline Follow-Back interview.

Table S3: Sensitivity Analysis (PTSD higher threshold): Bivariate analysis of criminal history and criminogenic needs by PTSD diagnostic status.

	Full Sample ^a	PTSD ^b	No PTSD ^c			
	M (SD)	M (SD)	M (SD)	t-test (df)	<i>p</i>	95% CI
Criminal history (ASI, Lifetime)						
Number of criminal charges	14.26 (19.21)	15.55 (22.94)	12.67 (13.08)	-1.38 (339)	.168	[-6.99, 1.23]
Number of convictions	6.35 (9.63)	6.05 (9.69)	6.72 (9.57)	.638 (335)	.524	[-1.40, 2.75]
Number of months incarcerated	37.96 (65.07)	34.10 (60.14)	42.73 (70.63)	1.21 (334)	.227	[-5.41, 22.67]
Criminal History Index ^d	-.08 (2.13)	-.11 (2.14)	-.05 (2.11)	.280 (330)	.779	[-.40, .23]
Antisocial personality pattern (TriPM)						
Total scores	82.96 (20.07)	89.48 (19.50)	74.84 (17.71)	-7.18 (339)	<.001	[-18.66, -10.64]
Boldness	31.96 (8.19)	32.04 (8.32)	31.86 (8.05)	-.208 (339)	.835	[-1.94, 1.57]
Meanness	16.99 (10.46)	19.86 (10.98)	13.42 (8.56)	-5.93 (339)	<.001	[-8.52, -4.36]
Disinhibition	34.01 (11.45)	37.58 (10.59)	29.56 (10.93)	-6.86 (339)	<.001	[-10.33, -5.71]
Antisocial cognitions (PICTS; T-scores)						
Mollification	52.41 (11.78)	55.71 (12.55)	48.32 (9.27)	-6.05 (339)	<.001	[-9.79, -4.99]
Cutoff	61.60 (10.99)	63.31 (10.99)	56.21 (9.12)	-5.30 (339)	<.001	[-9.74, -4.47]
Entitlement	55.99 (11.50)	58.65 (12.17)	52.70 (9.69)	-4.91 (339)	<.001	[-8.34, -3.57]
Power Orientation	57.46 (12.23)	60.82 (12.4)	52.29 (10.67)	-5.92 (339)	<.001	[-10.03, -5.03]
Super-optimism	55.55 (12.18)	58.69 (10.23)	51.65 (10.23)	-5.54 (339)	<.001	[-9.55, -4.54]

Cognitive Indolence	56.48 (9.95)	59.67 (9.95)	52.51 (8.42)	-7.07 (339)	<.001	[-9.15, -5.17]
Discontinuity	59.72 (11.36)	63.32 (11.31)	55.24 (9.74)	-6.97 (339)	<.001	[-10.36, -5.80]
Problem Avoidance	60.48 (10.65)	63.82 (10.60)	56.32 (9.19)	-6.89 (339)	<.001	[-9.64, -5.36]
Self-Assertion/Deception	56.54 (11.58)	59.49 (11.80)	52.86 (10.20)	-5.478 (339)	<.001	[-9.01, -4.25]
Current Criminal Thinking	59.78 (11.02)	63.53 (10.80)	55.12 (9.43)	-7.56 (339)	<.001	[-10.60, -6.22]
Proactive Criminal Thinking	56.49 (12.33)	60.26 (12.75)	51.82 (10.01)	-6.67 (339)	<.001	[-10.94, -5.96]
Reactive Criminal Thinking	60.14 (11.09)	64.04 (10.95)	55.28 (9.20)	-7.88 (339)	<.001	[-10.95, -6.58]
General Criminal Thinking	59.12 (11.71)	63.34 (11.63)	53.92 (9.55)	-8.20 (339)	<.001	[-11.73, -7.11]
Antisocial associates (MCAA)						
Criminal Friends Index	7.84 (8.46)	8.73 (8.38)	6.74 (8.48)	-1.50 (162)	.039	[-4.60, .63]
Substance use problems (TLFB)						
Days in past 6 months using alcohol	38.39 (51.22)	39.83 (52.15)	36.61 (50.15)	-.578 (339)	.565	[-14.20, 7.78]
Days in past 6 months using drugs	50.97 (58.34)	58.92 (60.50)	41.08 (54.12)	-2.84 (339)	.005	[-30.22, -5.47]
Family/marital dysfunction (ASI)						
Family/Social composite	0.21 (0.20)	0.25 (.22)	0.15 (0.15)	-4.67 (335)	<.001	[-.14, -.06]
Employment problems (ASI)						
Employment composite	0.81 (0.21)	0.82 (.20)	0.80 (.22)	-.71 (338)	.481	[-.06, .03]
Prosocial activities						
Self-Help Group Involvement	5.7 (2.37)	5.71 (2.38)	5.62 (2.46)	-.34 (328)	.733	[-.61, .43]

Notes. ^a $N = 341$, ^b $N = 189$, ^c $N = 152$.^d z -scored composite based on the average lifetime charges, convictions, and months incarcerated. ASI = Addiction Severity Index. TriPM = Triarchic Psychopathy Measure, PICTS = Psychological Inventory of Criminal Thinking Styles, MCAA = Measures of Criminal Attitudes and Associates. TLFB = Timeline Follow-Back interview.