

**Supplemental Table 1.** Pearson correlation coefficients showing simple associations among study variables measured in the AD sample (n = 280)

Variable	Emo. Abuse	Phys. Abuse	Sex. Abuse	Emo. Neglect	Phys. Neglect	CTQ Total Score	Age First Drink	Age First Intox.	With. Depress.	With. Anxiety	N	E	O	A	C	AD Severity
Emotional Abuse	--															
Physical Abuse	0.56***	--														
Sexual Abuse	0.33***	0.22***	--													
Emotional Neglect	0.68***	0.50***	0.21***	--												
Physical Neglect	0.53***	0.48***	0.16**	0.64***	--											
CTQ Total Score	0.85***	0.70***	0.50***	0.84***	0.70***	--										
Age at First Drink	-0.10	-0.05	-0.01	-0.06	-0.04	-0.09	--									
Age at First Alcohol Intoxication	-.12*	-0.05	-0.04	-0.04	-0.003	-0.08	0.52***	--								
Withdrawal Depression	0.28***	0.02	0.18**	0.23***	0.13*	0.25***	0.06	0.03	--							
Withdrawal Anxiety	0.29***	0.11	0.23***	0.21***	0.18**	0.28***	0.05	0.02	0.79***	--						
Neuroticism	0.43***	0.25***	0.22***	0.35***	0.30***	0.43***	-0.20***	-0.19**	0.27***	0.27***	--					
Extraversion	-0.19**	-0.12*	0.001	-0.22***	-0.18**	-0.22***	0.02	0.04	-0.12*	-0.12*	-0.18**	--				
Openness	0.05	-0.02	0.06	-0.07	-0.02	-0.01	0.14*	0.001	-0.01	-0.001	-0.09	0.08	--			
Agreeableness	-0.15*	-0.11	-0.05	-0.17**	-0.19***	-0.19**	0.19**	0.22***	-0.02	-0.08	-0.11	0.10	0.26***	--		
Conscientiousness	-0.19***	-0.002	-0.08	-0.18**	-0.09	-0.13*	0.04	0.15**	-0.17**	-0.10	-0.29***	-0.04	0.09	0.05	--	
Alcohol Dependence Severity	0.34***	0.19**	0.13*	0.18**	0.09	0.24***	-0.01	-0.22***	0.20***	0.26***	0.32***	0.02	0.002	-0.10	-0.26***	--

**Supplemental Table 1.** Continued

Notes: Emo. = Emotional, Phys. = Physical, Sex. = Sexual, Intox. = Intoxication, With. = withdrawal, N = Neuroticism, E = Extraversion, O = Openness, A = Agreeableness, C = Conscientiousness, AD = Alcohol Dependence

\* $p < 0.05$

\*\*  $p < 0.01$

\*\*\*  $p < 0.001$

<sup>1</sup>Pearson correlation coefficients

**Supplemental Table 2.** Results of multiple mediation analyses for CTQ total score and for emotional abuse using subfacets of neuroticism for AD subjects<sup>1</sup>

Independent Variable (IV)	Mediator	Effect of IV on Mediator <sup>1</sup>	Effect of Mediator on AD Severity	Indirect Effect Estimate <sup>2</sup>	95% Bias-Corrected Confidence Interval	Total Effect of IV	Direct Effect of IV
CTQ Total Score	Anxiety Subfacet	0.16**	0.08	0.01	-0.01, 0.04	0.09**	0.05
	Anger/Hostility Subfacet	0.15**	-0.08	-0.01	-0.03, 0.00		
	Depressive Subfacet	0.19***	0.11	0.02	-0.002, 0.05		
	Self-Conscious Subfacet	0.19***	0.04	0.01	-0.01, 0.04		
	Impulsive Subfacet	0.06	0.15**	0.01	-0.004, 0.03		
	Vulnerable Subfacet	0.18**	-0.02	-0.003	-0.03, 0.02		
Emotional Abuse	Anxiety Subfacet	0.33	0.10	0.04	-0.004, 0.13	0.47***	0.36**
	Anger/Hostility Subfacet	0.34	-0.09*	-0.03	-0.10, 0.00		
	Depressive Subfacet	0.38*	0.11	0.04	-0.003, 0.15		
	Self-Conscious Subfacet	0.37	0.04	0.01	-0.02, 0.08		
	Impulsive Subfacet	0.51**	0.14**	0.07	0.01, 0.17 <sup>†</sup>		
	Vulnerable Subfacet	0.45	-0.02	-0.003	-0.09, 0.03		

<sup>1</sup> Effect estimates are unstandardized regression coefficients<sup>2</sup> Based on 5000 bootstrapped samples

\* p &lt; 0.05

\*\* p &lt; 0.01

\*\*\* p &lt; 0.001

<sup>†</sup> Significant indirect effect

**Supplemental Table 3.** Pearson correlation coefficients showing simple associations between study variables in the CON sample (n = 137)

Variable	Emo. Abuse	Phys. Abuse	Sex. Abuse	Emo. Neglect	Phys. Neglect	CTQ Total Score	Age First Drink	Heavy Drink. Years	N	E	O	A	C	AUDIT Score
Emotional Abuse	--													
Physical Abuse	0.27**	--												
Sexual Abuse	0.13	0.14	--											
Emotional Neglect	0.49***	0.21*	0.04	--										
Physical Neglect	0.14	0.14	0.04	0.44***	--									
CTQ Total Score	0.63***	0.54***	0.16	0.85***	0.52***	--								
Age at First Drink	-0.03	0.18*	-0.10	0.02	-0.03	0.03	--							
Heavy Drinking Years	0.002	0.34***	0.01	0.09	0.30***	0.29***	-0.21*	--						
Neuroticism	0.17	0.05	-0.18*	0.13	0.13	0.13	0.04	-0.04	--					
Extraversion	-0.15	0.03	0.08	-0.27**	-0.04	-0.18*	-0.04	0.001	-0.10	--				
Openness	-0.05	-0.21*	0.02	0.06	-0.02	-0.06	0.02	-0.25**	-0.07	0.002	--			
Agreeableness	-0.14	-0.10	0.08	-0.14	-0.19*	-0.20*	0.23**	-0.20*	-0.17	-0.06	0.22*	--		
Conscientiousness	-0.16	-0.16	-0.10	-0.17*	-0.10	-0.19*	0.08	-0.14	-0.30***	0.10	0.02	0.15	--	
AUDIT Score	0.05	0.23**	-0.01	0.09	0.27**	0.21*	-0.24**	0.52***	0.13	0.15	-0.29***	-0.28***	-0.15	--

**Supplemental Table 3.** Continued

Notes: N = Neuroticism, E = Extraversion, O = Openness, A = Agreeableness, C = Conscientiousness

\*p < 0.05

\*\* p < 0.01

\*\*\* p < 0.001

**Supplemental Table 4.** Results of multiple mediation analyses for total CTQ score for the CON subjects<sup>1</sup>

Independent Variable (IV)	Mediator	Effect of IV on Mediator	Effect of Mediator on AUDIT Score	Indirect Effect Estimate <sup>2</sup>	95% Bias-Corrected Confidence Interval	Total Effect of IV	Direct Effect of IV
CTQ Total Score	Age of First Drink	-0.04	-0.24*	0.01	-0.01, 0.10	-0.02	-0.03
	Heavy Drinking Years	-0.01	0.24**	-0.0031	-0.05, 0.03		
	Openness	0.07	-0.04	-0.003	-0.04, 0.01		
	Agreeableness	-0.21	-0.04	0.01	-0.02, 0.05		

<sup>1</sup> Effect estimates are unstandardized regression coefficients

<sup>2</sup> Based on 5000 bootstrapped samples

\*  $p < 0.05$

\*\*  $p < 0.01$