Appendix Table 1. Promax-rotated tetrachoric factor loadings (standardized regression coefficients) of CAs based on a 3-factor model (n=6,483)

	Factor Loadings in Total Sample[1]			Factor Loadings in Males[2]			Factor Loadings in Females[3]		
	F1	F2	F3	F1	F2	F3	F1	F2	F3
Physical Abuse	.83818	.14405	-.01007	.48424	.06880	.67875	.85313	.02922	.07166
Sexual Abuse	.08749	.35548	.28322	-.35914	-.04170	.95644	.19171	.26054	.38487
Emotional Abuse	.90161	.00902	-.19893	.51960	-.04022	.53871	.83775	.01002	-.18094
Family Violence	.18498	.55725	.11001	.10948	.37315	.45977	.13669	.47219	.37897
Neglect	.84373	.08056	-.00988	.81151	.10583	-.02015	.88755	.11660	-.08634
Parent Death	-.11671	.02030	.88172	.57352	-.15818	.06063	-.07575	-.08882	.89870
Parent Divorce	-.23924	.87141	-.29526	-.37020	.89619	-.07181	-.30233	.89769	-.15842
Other Parent Loss	.76055	-.17232	.21316	.88592	-.07220	-.09614	.84687	-.23463	.10468
Parent Mental Illness	-.09506	.72989	.30560	.02362	.58082	.38994	-.10214	.65510	.37969
Parent Criminal	.24495	.70201	.03966	.24897	.74810	.02341	.30569	.70321	-.01340
Parent Substance	.16271	.75031	.04233	.06701	.79949	.07927	.27337	.72037	.00017
Economic Adversity	.23564	.18298	.39005	.49466	.35270	-.26577	.44242	.06978	.24252

[1]Correlations among factors: F1-F2: 0.37; F1-F3: 0.32; F2-F3: 0.15.
[2]Correlations among factors: F1-F2: 0.34; F1-F3: 0.29; F2-F3: 0.26.
[3]Correlations among factors: F1-F2: 0.37; F1-F3: 0.17; F2-F3: 0.21.

Appendix Table 2. Multivariate associations between CAs and first onset of DSM-IV fear disorders based on M5 (n=6,483)[1]

	Agoraphobia		Social Phobia		Specific Phobia		Panic Disorder		IED	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Maladaptive Family Functioning CAs										
Emotional Abuse	1.5	(0.5-4.4)	1.4	(0.8-2.2)	0.8	(0.5-1.3)	0.9	(0.2-3.1)	1.3	(0.8-2.1)
Physical Abuse	1.2	(0.2-5.8)	1.1	(0.6-2.0)	1.0	(0.6-1.5)	0.2*	(0.1-0.6)	1.4	(0.5-3.8)
Sexual Abuse	1.5	(0.4-5.2)	2.6*	(1.1-6.2)	2.7*	(1.6-4.7)	1.3	(0.4-4.3)	2.2*	(1.2-4.1)
Neglect	1.0	(0.2-6.9)	2.4*	(1.1-5.0)	1.3	(0.8-2.2)	0.6	(0.1-3.2)	3.1*	(1.6-6.1)
Parent Mental Illness	1.5	(0.4-5.4)	1.2	(0.7-2.2)	1.0	(0.8-1.4)	1.5	(0.7-3.3)	1.4	(0.8-2.5)
Parent Substance	0.6	(0.2-2.7)	1.6	(0.9-2.8)	0.7*	(0.6-0.9)	0.6	(0.2-2.1)	1.1	(0.6-2.0)
Parent Criminal	1.5	(0.7-3.3)	1.8*	(1.3-2.3)	1.0	(0.7-1.5)	0.5	(0.2-1.1)	1.4	(0.9-2.1)
Family Violence	0.9	(0.3-3.2)	1.2	(0.7-2.0)	1.4	(0.8-2.5)	0.6	(0.2-2.2)	2.5*	(1.2-5.3)
χ^2_8 (p-value)	6.3 (.620)		20.2 (.010)*		36.5 (<.001)*		25.0 (.002)*		33.4 (<.001)*	
Other CAs										
Parent Death	1.3	(0.4-3.8)	0.5	(0.3-1.0)	1.0	(0.6-1.4)	0.6	(0.1-2.9)	1.0	(0.4-2.1)
Parent Divorce	0.9	(0.5-1.6)	1.6*	(1.1-2.6)	1.0	(0.8-1.3)	0.7	(0.4-1.4)	1.0	(0.7-1.3)
Other Parent Loss	1.4	(0.4-4.6)	1.3	(0.8-2.0)	1.6*	(1.1-2.3)	0.5	(0.2-1.6)	1.1	(0.7-1.8)
Economic Adversity	1.4	(0.6-3.7)	0.6	(0.4-1.0)	1.1	(0.8-1.6)	1.1	(0.4-2.7)	1.2	(0.8-1.9)
χ^2_4 (p-value)	2.8 (.590)		16.0 (.003)*		7.0 (.130)		2.3 (.680)		1.5 (.830)	
χ^2_{12} (p-value)	12.8 (.390)		51.1 (<.001)*		66.1 (<0.001)*		35.2 (<0.001)*		37.3 (<.001)*	
Number of MFF CAs										
0	-		-		-				-	
1	-		-		-				-	
2	0.9	(0.2-4.0)	0.7	(0.4-1.2)	1.3	(0.7-2.3)	2.6	(1.0-7.1)	0.8	(0.4-1.7)
3	1.4	(0.2-12.9)	0.5	(0.2-1.3)	1.6	(0.9-2.9)	5.4*	(1.5-19.6)	0.5	(0.1-1.9)
4	1.6	(0.2-14.1)	0.2*	(0.1-0.8)	1.2	(0.6-2.6)	5.5	(0.4-73.0)	0.4	(0.1-2.5)
5	1.8	(0.1-59.1)	1.0	(0.3-3.3)	2.0	(0.8-4.7)	9.9	(0.8-121.6)	0.1	(0.0-1.2)
6	0.0	(0.0-0.0)	0.1*	(0.0-0.8)	1.3	(0.4-4.6)	1.0	(0.0-61.9)	0.1	(0.0-2.3)
7	0.3	(0.0-23.3)	0.0*	(0.0-0.1)	4.0	(0.7-21.8)	69.4*	(1.5-3297.3)	0.0	(0.0-0.0)
χ^2_6 (p-value)	349.1 (<.001)*		26.2 (.020)*		7.0 (.320)		21.7 (.001)*		308.4 (<.001)*	
Number of Other CAs										
0	-		-		-				-	
1	-		-		-				-	
2	0.6	(0.2-1.3)	1.4	(0.7-2.6)	1.2	(0.8-1.8)	0.8	(0.3-2.2)	1.1	(0.7-1.8)
3	0.8	(0.1-8.9)	1.8	(0.6-5.2)	0.6	(0.3-1.4)	4.9	(0.9-27.0)	1.4	(0.6-3.3)
4+										
χ^2_2 (p-value)	1.8 (.410)		1.5 (.480)		2.7 (.260)		6.1 (.047)*		0.7 (.710)	

Abbreviations: IED, Intermittent explosive disorder.
*p<.05, 2-sided test
[1]Model controls for person-year, age, sex, race/ethnicity, diagnosis category, previous onset of comorbid conditions, CA types, number of maladaptive family functioning CAs, and number of other CAs.

Appendix Table 3. Multivariate associations between CAs and first onset of DSM-IV distress disorders based on M5 (n=6,483)[1]

	MDD/ Dysthymia		GAD		PTSD		Separation Anxiety Disorder	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Maladaptive Family Functioning CAs								
Emotional Abuse	2.0*	(1.3-3.0)	1.7	(0.8-3.9)	3.9*	(1.7-9.0)	1.2	(0.6-2.4)
Physical Abuse	1.5	(0.9-2.5)	4.2*	(1.5-11.9)	3.0*	(1.1-8.6)	0.5	(0.2-1.1)
Sexual Abuse	1.1	(0.6-2.0)	1.0	(0.2-5.0)	10.4*	(4.4-24.7)	1.3	(0.6-2.8)
Neglect	2.4*	(1.4-3.9)	0.0*	(0.0-0.3)	2.1	(0.6-7.3)	0.6	(0.2-1.6)
Parent Mental Illness	2.2*	(1.7-2.9)	0.7	(0.3-2.0)	2.2*	(1.3-3.7)	0.7	(0.4-1.3)
Parent Substance	1.1	(0.7-1.8)	0.6	(0.2-1.9)	0.9	(0.4-2.1)	0.7	(0.3-1.7)
Parent Criminal	1.4*	(1.0-1.9)	1.9	(0.9-4.3)	2.5*	(1.4-4.5)	1.2	(0.7-2.1)
Family Violence	1.2	(0.7-1.9)	3.1*	(1.5-6.4)	3.0*	(1.3-6.9)	1.9	(0.9-4.0)
χ^2_8 (p-value)	73.2 (<.001)*		34.4 (<.001)*		43.7 (<.001)*		23.6 (.003)*	
Other CAs								
Parent Death	1.0	(0.6-1.7)	0.6	(0.1-4.1)	2.3*	(1.0-5.3)	1.9*	(1.1-3.5)
Parent Divorce	1.4*	(1.1-1.8)	1.5	(0.8-2.7)	0.9	(0.4-1.8)	1.2	(0.9-1.8)
Other Parent Loss	1.3	(0.7-2.3)	0.4	(0.1-2.1)	0.3	(0.1-1.2)	0.5	(0.1-1.8)
Economic Adversity	0.8	(0.6-1.1)	0.7	(0.3-1.7)	0.5	(0.2-1.3)	0.9	(0.6-1.3)
χ^2_4 (p-value)	12.4 (.010)*		6.6 (.160)		10.4 (.034)*		9.4 (.052)	
χ^2_{12} (p-value)	105.0 (<.001)*		45.0 (<.001)*		62.7 (<.001)*		39.4 (<.001)*	
Number of MFF CAs								
0	-		-		-		-	
1	-		-		-		-	
2	0.99	(0.6-1.7)	0.4	(0.1-1.3)	0.8	(0.3-1.9)	1.6	(0.6-4.2)
3	0.81	(0.4-1.8)	0.2	(0.0-1.1)	0.4	(0.1-1.3)	2.2	(0.6-7.6)
4	0.70	(0.3-1.7)	0.3	(0.0-2.8)	0.2*	(0.0-1.0)	2.3	(0.5-10.7)
5	0.72	(0.2-2.9)	0.3	(0.0-6.2)	0.0*	(0.0-0.6)	0.8	(0.1-9.0)
6	0.44	(0.1-2.6)	0.7	(0.0-19.6)	0.1	(0.0-2.1)	2.2	(0.1-37.0)
7	1.06	(0.1-8.0)	0.0	(0.0-4.4)	0.0*	(0.0-0.7)	29.7*	(1.6-535.9)
χ^2_6 (p-value)	3.8 (.700)		29.0 (<.001)*		13.3 (.040)*		16.1 (.013)*	
Number of Other CAs								
0	-		-		-		-	
1	-		-		-		-	
2	1.20	(0.7-2.0)	2.9*	(1.2-7.2)	2.4	(0.7-7.8)	1.5	(1.0-2.4)
3	1.64	(0.6-4.5)	0.7	(0.0-9.5)	2.4	(0.4-13.5)	1.4	(0.5-3.9)
4+								
χ^2_2 (p-value)	1.0 (.620)		10.6 (.005)*		2.0 (.370)		3.6 (.170)	

Abbreviations: MDD, major depressive disorder; GAD, generalized anxiety disorder; PTSD, post-traumatic stress disorder.
*p<.05, 2-sided test
[1]Model controls for person-year, age, sex, race/ethnicity, diagnosis category, previous onset of comorbid conditions, CA types, number of maladaptive family functioning CAs, and number of other CAs.

Appendix Table 4. Multivariate associations between CAs and first onset of DSM-IV behavior disorders based on M5 (n=6,483)[1]

	ADHD		ODD		Conduct Disorder	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Maladaptive Family Functioning CAs						
Emotional Abuse	1.7	(0.8-3.5)	1.6	(1.1-2.3)	1.7	(0.8-3.5)
Physical Abuse	0.5*	(0.2-1.0)	1.8	(0.9-3.4)	1.2	(0.6-2.4)
Sexual Abuse	1.4	(0.4-4.9)	1.2	(0.6-2.5)	1.2	(0.4-3.6)
Neglect	1.2	(0.5-2.8)	1.5	(0.8-2.8)	2.1	(1.0-4.5)
Parent Mental Illness	1.9	(1.2-3.0)	1.4	(0.9-2.1)	1.5	(0.8-2.8)
Parent Substance	1.5	(0.7-3.4)	1.5	(0.8-2.8)	0.8	(0.4-1.5)
Parent Criminal	1.3	(0.9-1.9)	1.2	(0.8-1.7)	1.5	(0.9-2.3)
Family Violence	2.1	(1.1-4.0)	1.8	(1.1-2.8)	1.1	(0.5-2.3)
χ^2_8 (p-value)	22.2 (.005)*		19.7 (.010)*		14.7 (.064)	
Other CAs						
Parent Death	1.1	(0.5-2.4)	1.2	(0.8-1.8)	1.6	(1.0-2.5)
Parent Divorce	1.4	(0.9-2.1)	1.2	(0.9-1.4)	1.1	(0.8-1.6)
Other Parent Loss	1.8	(1.0-3.1)	1.3	(0.8-2.1)	1.4	(0.8-2.4)
Economic Adversity	1.6	(1.0-2.6)	1.1	(0.7-1.7)	1.6	(1.0-2.6)
χ^2_4 (p-value)	10.3 (.036)*		2.8 (.600)		8.9 (.064)	
χ^2_{12} (p-value)	44.1 (<.001)*		21.9 (.039)*		36.5 (<.001)*	
Number of MFF CAs						
0	-		-		-	
1	-		-		-	
2	1.3	(0.6-2.7)	1.1	(0.6-2.1)	1.4	(0.7-2.8)
3	0.8	(0.3-2.6)	1.3	(0.5-3.5)	2.0	(0.5-8.0)
4	0.5	(0.1-2.2)	1.1	(0.4-3.8)	2.2	(0.4-12.8)
5	0.2	(0.0-2.0)	1.0	(0.2-5.1)	4.3	(0.4-47.4)
6	1.7	(0.2-15.6)	0.6	(0.1-5.7)	5.3	(0.3-93.2)
7	2.3	(0.2-22.8)	0.2	(0.0-4.3)	1.4	(0.0-110.4)
χ^2_6 (p-value)	28.7 (<.001)*		4.8 (.570)		6.1 (.410)	
Number of Other CAs						
0	-		-		-	
1	-		-		-	
2	0.9	(0.6-1.3)	1.2	(0.7-2.0)	1.4	(0.8-2.3)
3	0.8	(0.3-2.3)	1.3	(0.5-3.0)	2.1	(0.9-4.6)
4+						
χ^2_2 (p-value)	0.5 (.790)		0.5 (.790)		3.4 (.180)	

Abbreviations: ADHD, attention-deficit/hyperactivity disorder; ODD, oppositional defiant disorder.
*p<.05, 2-sided test
[1]Model controls for person-year, age, sex, race/ethnicity, diagnosis category, previous onset of comorbid conditions, CA types, number of maladaptive family functioning CAs, and number of other CAs.

Appendix Table 5. Multivariate associations between CAs and first onset of DSM-IV substance disorders based on M5 (n=6,483)[1]

	Alcohol Abuse/ Dependence		Drug Abuse/ Dependence	
	OR	(95% CI)	OR	(95% CI)
Maladaptive Family Functioning CAs				
Emotional Abuse	2.9	(1.1-7.4)	1.7	(0.9-3.4)
Physical Abuse	1.4	(0.4-4.4)	2.3	(1.0-5.2)
Sexual Abuse	5.6	(2.4-13.2)	5.8	(2.3-15.0)
Neglect	2.7	(0.6-11.3)	2.8	(0.9-8.7)
Parent Mental Illness	2.3	(1.2-4.4)	1.5	(0.9-2.7)
Parent Substance	2.9	(1.0-8.3)	2.0	(0.9-4.7)
Parent Criminal	2.9	(1.8-4.6)	2.4	(1.6-3.8)
Family Violence	2.9	(1.5-5.9)	1.8	(0.8-4.1)
χ^2_8 (p-value)	40.1 (<.001)*		35.9 (<.001)*	
Other CAs				
Parent Death	1.0	(0.4-2.6)	1.5	(0.7-2.9)
Parent Divorce	1.6	(1.0-2.5)	0.6	(0.3-1.2)
Other Parent Loss	0.4	(0.1-2.2)	1.0	(0.5-2.1)
Economic Adversity	1.1	(0.4-2.6)	0.3	(0.2-0.7)
χ^2_4 (p-value)	4.7 (p=0.32)		25.4 (<.001)*	
χ^2_{12} (p-value)	65.5 (<.001)*		53.0 (<.001)*	
Number of MFF CAs				
0	-		-	
1	-		-	
2	0.3	(0.1-0.8)	0.8	(0.3-1.9)
3	0.1	(0.0-0.3)	0.6	(0.2-2.0)
4	0.0	(0.0-0.4)	0.2	(0.0-1.7)
5	0.0	(0.0-0.6)	0.2	(0.0-2.5)
6	0.0	(0.0-0.2)	0.0	(0.0-1.6)
7	0.0	(0.0-0.8)	0.0	(0.0-0.8)
χ^2_6 (p-value)	15.5 (.017)*		14.0 (.030)*	
Number of Other CAs				
0	-		-	
1	-		-	
2	0.9	(0.3-2.3)	2.6	(1.1-6.1)
3	2.0	(0.1-33.5)	3.7	(0.7-19.8)
4+				
χ^2_2 (p-value)	0.6 (.730)		5.7 (.059)	

*p<.05, 2-sided test
[1]Model controls for person-year, age, sex, race/ethnicity, diagnosis category, previous onset of comorbid conditions, CA types, number of maladaptive family functioning CAs, and number of other CAs.

**Appendix Table 6. Interactions of CAs with gender[1]
in predicting any DSM-IV disorder based on M5
(n=6,483)**

	OR	(95% CI)	χ^2_1	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.7*	(0.5-1.0)	3.9	.047
Physical Abuse	1.5	(0.9-2.6)	2.5	.111
Sexual Abuse	0.5	(0.3-1.0)	3.2	.072
Neglect	1.0	(0.6-1.4)	0.0	.871
Parent Mental Illness	1.2	(0.9-1.6)	2.3	.132
Parent Substance	1.4	(1.0-2.1)	3.0	.084
Parent Criminal	1.1	(0.8-1.4)	0.2	.672
Family Violence	1.2	(0.8-1.8)	1.1	.302
Other CAs				
Parent Death	0.8	(0.6-1.1)	1.7	.195
Parent Divorce	0.8	(0.6-1.1)	2.4	.121
Other Parent Loss	0.9	(0.7-1.2)	0.5	.470
Economic Adversity	0.9	(0.6-1.2)	0.7	.399
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	0.8	(0.5-1.2)	1.6	.198
3	0.8	(0.4-1.5)	0.4	.536
4	0.6	(0.3-1.3)	1.7	.187
5	0.5	(0.2-1.2)	2.3	.129
6	0.3	(0.1-1.5)	2.0	.156
7+	0.6	(0.1-3.0)	0.4	.538
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	01.0	(0.7-1.3)	0.0	.884
3+	1.3	(0.7-2.6)	0.6	.425

*p<.05, 2-sided test.
[1]Males coded 1, females coded 0.

Appendix Table 7. Interactions of CAs with gender[1] in predicting DSM-IV fear disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2_1	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.7	(0.4-1.2)	1.7	.194
Physical Abuse	1.1	(0.6-2.0)	0.0	.830
Sexual Abuse	0.3*	(0.1-0.9)	4.5	.030
Neglect	1.0	(0.5-2.0)	0.0	.990
Parent Mental Illness	1.3	(0.8-2.0)	1.1	.288
Parent Substance	1.1	(0.7-1.8)	0.2	.691
Parent Criminal	0.7*	(0.5-1.0)	4.3	.037
Family Violence	1.3	(0.9-2.1)	1.7	.191
Other CAs				
Parent Death	1.2	(0.6-2.0)	0.2	.610
Parent Divorce	0.7*	(0.5-1.0)	4.9	.026
Other Parent Loss	0.5*	(0.3-0.8)	7.6	.005
Economic Adversity	0.6	(0.4-1.0)	3.6	.058
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	0.6	(0.2-2.7)	0.4	.543
5	1.0	(0.2-5.0)	0.0	.954
6	1.1	(0.1-10.5)	0.0	.949
7+	<0.001*	(<0.001-0.005)	35.3	<.0001
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	2.0*	(1.2-3.0)	8.7	.003
3+	3.0*	(1.0-8.7)	3.9	.047

*p<.05, 2-sided test.
[1]Males coded 1, females coded 0.

Appendix Table 8. Interactions of CAs with gender[1] in predicting DSM-IV distress disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2_1	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.8	(0.5-1.5)	0.3	.582
Physical Abuse	2.6*	(1.0-6.7)	4.1	.044
Sexual Abuse	1.5	(0.3-7.3)	0.2	.646
Neglect	0.7	(0.2-2.0)	0.5	.490
Parent Mental Illness	1.2	(0.8-1.9)	0.7	.408
Parent Substance	1.7	(0.7-3.8)	1.4	.235
Parent Criminal	1.1	(0.6-2.0)	0.2	.657
Family Violence	1.3	(0.7-2.3)	0.8	.379
Other CAs				
Parent Death	0.6	(0.3-1.3)	1.6	.203
Parent Divorce	0.9	(0.6-1.3)	0.4	.519
Other Parent Loss	1.6	(0.8-3.2)	2.0	.152
Economic Adversity	0.9	(0.5-1.6)	0.2	.648
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	0.6	(0.3-1.2)	2.0	.154
3	0.6	(0.2-2.5)	0.4	.510
4	0.2	(0.0-1.1)	3.4	.066
5	0.5	(0.0-5.2)	0.4	.544
6	0.2	(0.0-3.8)	1.2	.263
7+	0.1	(0.0-4.0)	1.3	.246
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	0.7	(0.4-1.2)	1.6	.212
3+	0.7	(0.2-3.4)	0.2	.676

*p<.05, 2-sided test.
[1]Males coded 1, females coded 0.

Appendix Table 9. Interactions of CAs with gender[1] in predicting DSM-IV behavior disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2_1	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.8	(0.5-1.4)	0.6	.432
Physical Abuse	1.8	(0.8-3.7)	2.3	.132
Sexual Abuse	0.5	(0.1-2.2)	0.7	.392
Neglect	1.6	(0.7-3.3)	1.4	.239
Parent Mental Illness	1.4	(0.9-2.2)	2.3	.132
Parent Substance	1.9	(0.8-4.4)	2.3	.126
Parent Criminal	1.4	(0.8-2.2)	1.4	.232
Family Violence	1.1	(0.6-2.1)	0.1	.76
Other CAs				
Parent Death	0.9	(0.5-1.6)	0.2	.665
Parent Divorce	0.9	(0.5-1.4)	0.3	.575
Other Parent Loss	0.8	(0.5-1.2)	0.9	.331
Economic Adversity	0.8	(0.5-1.2)	0.8	.380
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	0.5	(0.2-1.1)	2.7	.101
3	0.5	(0.1-1.4)	1.7	.187
4	0.2	(0.0-1.2)	3.0	.083
5	0.1*	(0.0-0.8)	5.0	.025
6	0.0*	(0.0-0.4)	7.2	.007
7+	1.1	(0.0-54.3)	0.0	.977
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	0.9	(0.5-1.6)	0.2	.670
3+	1.0	(0.3-2.9)	0.0	.991

*p<.05, 2-sided test.
[1]Males coded 1, females coded 0.

Appendix Table 10. Interactions of CAs with gender[1] in predicting DSM-IV substance disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2_1	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.5	(0.1-1.8)	1.2	.264
Physical Abuse	1.2	(0.2-5.6)	0.0	.815
Sexual Abuse	0.2	(0.0-1.7)	2.2	.138
Neglect	1.5	(0.4-5.0)	0.4	.546
Parent Mental Illness	0.5	(0.2-1.3)	1.8	.184
Parent Substance	0.4	(0.1-2.0)	1.1	.300
Parent Criminal	1.4	(0.6-3.2)	0.5	.489
Family Violence	1.1	(0.3-4.4)	0.0	.905
Other CAs				
Parent Death	1.4	(0.3-6.1)	0.2	.684
Parent Divorce	1.2	(0.5-2.8)	0.2	.629
Other Parent Loss	0.7	(0.1-4.4)	0.2	.684
Economic Adversity	3.8*	(1.2-11.9)	5.1	.023
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	1.8	(0.3-12.0)	0.4	.532
3	2.0	(0.2-19.5)	0.4	.530
4	9.4	(0.4-214.7)	2.0	.161
5	2.2	(0.0-114.9)	0.2	.696
6	3.6	(0.0->999.99)	0.2	.662
7+	16.0	(0.1->999.99)	1.0	.329
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	0.2*	(0.0-0.8)	4.8	.028
3+	0.3	(0.0-9.6)	0.5	.479

*p<.05, 2-sided test.
[1]Males coded 1, females coded 0.

Appendix Table 11. Interactions of CAs with Black race[1] in predicting DSM-IV fear disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.5	(0.2-1.0)	3.6	.058
Physical Abuse	1.1	(0.6-2.4)	0.1	.734
Sexual Abuse	0.5	(0.2-1.5)	1.4	.231
Neglect	0.4	(0.2-1.0)	3.8	.052
Parent Mental Illness	0.7	(0.4-1.3)	1.1	.288
Parent Substance	1.1	(0.6-1.9)	0.0	.820
Parent Criminal	1.2	(0.6-2.2)	0.3	.566
Family Violence	1.3	(0.6-2.8)	0.5	.496
Other CAs				
Parent Death	0.9	(0.5-1.8)	0.1	.814
Parent Divorce	1.0	(0.7-1.3)	0.0	.835
Other Parent Loss	0.9	(0.5-1.7)	0.1	.770
Economic Adversity	1.2	(0.6-2.4)	0.3	.608
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	1.2	(0.5-2.9)	0.2	.681
3	0.9	(0.2-3.7)	0.0	.931
4	1.4	(0.2-8.8)	0.1	.728
5	6.6*	(1.3-34.1)	5.0*	.025
6	6.1	(0.7-55.1)	2.6	.108
7+	25.2*	(1.4-450.6)	4.8*	.028
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	0.6	(0.3-1.0)	3.3	.070
3+	0.2*	(0.1-0.6)	9.3*	.002

*p<.05, 2-sided test.
Black respondents coded 1, White respondents coded 0.

Appendix Table 12. Interactions of CAs with Black race[1] in predicting DSM-IV distress disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.6	(0.3-1.4)	1.3	.257
Physical Abuse	1.8	(0.6-5.3)	1.0	.305
Sexual Abuse	1.0	(0.3-2.8)	0.0	.924
Neglect	1.7	(0.6-5.0)	0.8	.356
Parent Mental Illness	0.8	(0.4-1.5)	0.5	.478
Parent Substance	1.5	(0.6-3.9)	0.8	.371
Parent Criminal	1.0	(0.4-2.0)	0.0	.881
Family Violence	1.5	(0.8-2.5)	1.8	.177
Other CAs				
Parent Death	1.8	(0.8-4.4)	1.8	.174
Parent Divorce	1.1	(0.7-1.7)	0.1	.787
Other Parent Loss	0.7	(0.2-2.5)	0.3	.572
Economic Adversity	1.3	(0.7-2.4)	0.7	.393
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	1.0	(0.4-2.9)	0.0	.954
3	1.1	(0.3-4.6)	0.0	.870
4	1.4	(0.3-6.4)	0.2	.638
5	1.4	(0.2-13.0)	0.1	.760
6	<.001*	(<.001-0.0)	14.0*	.000
7+	0.1	(0.0-2.8)	1.8	.185
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	0.7	(0.4-1.2)	2.0	.154
3+	0.2*	(0.1-0.8)	5.8*	.016

*p<.05, 2-sided test.
Black respondents coded 1, White respondents coded 0.

Appendix Table 13. Interactions of CAs with Black race[1] in predicting DSM-IV behavior disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	1.4	(0.6-2.8)	0.7	.416
Physical Abuse	0.8	(0.2-3.4)	0.0	.821
Sexual Abuse	1.5	(0.5-4.5)	0.5	.467
Neglect	0.5	(0.1-1.7)	1.3	.261
Parent Mental Illness	0.9	(0.4-2.1)	0.0	.845
Parent Substance	0.6	(0.2-1.6)	1.1	.291
Parent Criminal	1.5	(0.9-2.6)	2.0	.157
Family Violence	1.2	(0.6-2.4)	0.4	.539
Other CAs				
Parent Death	0.9	(0.4-1.8)	0.2	.692
Parent Divorce	0.8	(0.5-1.4)	0.5	.465
Other Parent Loss	0.8	(0.3-1.9)	0.3	.573
Economic Adversity	1.2	(0.6-2.3)	0.2	.618
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	1.1	(0.4-3.0)	0.0	.863
3	0.8	(0.1-4.4)	0.1	.795
4	1.8	(0.2-16.2)	0.3	.590
5	0.6	(0.0-15.3)	0.1	.772
6	0.0*	(<.001-0.0)	13.2*	.000
7+	12.0	(0.3-479.9)	1.7	.187
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	1.1	(0.5-2.5)	0.0	.879
3+	0.7	(0.2-2.4)	0.3	.579

*p<.05, 2-sided test.
Black respondents coded 1, White respondents coded 0.

Appendix Table 14. Interactions of CAs with Black race[1] in predicting DSM-IV substance disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	5.7*	(1.1-28.9)	4.5*	.034
Physical Abuse	0.4	(0.1-3.3)	0.6	.427
Sexual Abuse	9.2	(0.7-119.3)	2.9	.088
Neglect	25.3*	(4.3-148.4)	12.8*	.000
Parent Mental Illness	4.1	(0.7-23.7)	2.4	.118
Parent Substance	1.4	(0.2-11.3)	0.1	.750
Parent Criminal	1.1	(0.2-6.6)	0.0	.891
Family Violence	1.1	(0.2-6.0)	0.0	.916
Other CAs				
Parent Death	0.5	(0.1-3.1)	0.5	.489
Parent Divorce	0.5	(0.2-2.0)	0.9	.353
Other Parent Loss	1.6	(0.2-10.9)	0.2	.649
Economic Adversity	0.3	(0.1-1.1)	3.2	.073
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	0.7	(0.1-8.8)	0.1	.786
3	1.2	(0.0-31.6)	0.0	.895
4	0.4	(0.0-30.9)	0.2	.660
5	0.0	(<.001-11.1)	1.4	.229
6	13.3	(0.0->999.999)	0.5	.492
7+	<.001*	(<.001-0.4)	4.7*	.030
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	1.2	(0.1-10.1)	0.0	.892
3+	12.8	(0.5-316.7)	2.4	.119

*p<.05, 2-sided test.
Black respondents coded 1, White respondents coded 0.

Appendix Table 15. Interactions of CAs with Hispanic ethnicity[1] in predicting DSM-IV fear disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	0.9	(0.4-1.8)	0.1	.720
Physical Abuse	1.2	(0.5-2.6)	0.2	.678
Sexual Abuse	0.3	(0.1-1.0)	3.7	.056
Neglect	0.7	(0.3-1.6)	0.8	.381
Parent Mental Illness	0.8	(0.4-1.4)	0.8	.373
Parent Substance	1.1	(0.5-2.2)	0.0	.873
Parent Criminal	0.6*	(0.4-0.9)	5.3*	.021
Family Violence	0.6	(0.3-1.6)	0.9	.349
Other CAs				
Parent Death	1.0	(0.6-1.6)	0.0	.863
Parent Divorce	1.2	(0.8-1.8)	1.2	.284
Other Parent Loss	1.3	(0.7-2.3)	0.7	.401
Economic Adversity	0.7	(0.4-1.5)	0.8	.372
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	1.3	(0.6-2.9)	0.5	.471
3	1.7	(0.6-4.6)	1.1	.303
4	2.0	(0.6-6.4)	1.2	.267
5	6.2*	(1.2-32.4)	4.8*	.029
6	8.1	(0.8-84.9)	3.1	.080
7+	9.2	(0.7-120.0)	2.9	.090
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	0.9	(0.4-1.8)	0.1	.728
3+	1.2	(0.4-4.2)	0.1	.749

*p<.05, 2-sided test.
Hispanic respondents coded 1, White respondents coded 0.

Appendix Table 16. Interactions of CAs with Hispanic ethnicity[1] in predicting DSM-IV distress disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	1.9*	(1.1-3.5)	4.7*	.031
Physical Abuse	0.4	(0.1-1.4)	2.1	.150
Sexual Abuse	1.4	(0.7-2.6)	0.8	.366
Neglect	2.9*	(1.0-7.8)	4.2*	.040
Parent Mental Illness	1.0	(0.6-1.6)	0.0	.872
Parent Substance	2.3	(0.9-6.0)	2.9	.087
Parent Criminal	1.1	(0.6-1.9)	0.1	.720
Family Violence	1.9	(0.8-4.5)	2.1	.146
Other CAs				
Parent Death	0.4	(0.2-1.0)	3.8	.053
Parent Divorce	0.7*	(0.4-1.0)	3.9*	.049
Other Parent Loss	2.8*	(1.4-5.2)	9.5*	.002
Economic Adversity	0.6	(0.3-1.2)	2.4	.124
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	0.4	(0.1-1.2)	2.4	.119
3	0.2*	(0.1-0.8)	5.1*	.024
4	0.5	(0.1-2.4)	0.8	.364
5	0.1	(0.0-1.4)	2.8	.091
6	0.3	(0.0-10.9)	0.4	.514
7+	0.1	(0.0-3.2)	1.6	.200
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	1.2	(0.7-2.2)	0.4	.514
3+	2.7	(1.0-7.7)	3.4	.063

*p<.05, 2-sided test.
Hispanic respondents coded 1, White respondents coded 0.

Appendix Table 17. Interactions of CAs with Hispanic ethnicity[1] in predicting DSM-IV behavior disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	1.4	(0.7-2.7)	0.8	.382
Physical Abuse	0.3	(0.1-1.1)	3.3	.070
Sexual Abuse	1.1	(0.2-4.9)	0.0	.905
Neglect	1.2	(0.5-2.9)	0.2	.622
Parent Mental Illness	0.3*	(0.2-0.6)	10.9*	.001
Parent Substance	0.9	(0.3-2.3)	0.1	.790
Parent Criminal	0.6	(0.4-1.2)	1.8	.178
Family Violence	0.5	(0.2-1.5)	1.4	.228
Other CAs				
Parent Death	0.8	(0.3-2.0)	0.2	.616
Parent Divorce	1.1	(0.5-2.5)	0.0	.873
Other Parent Loss	1.8	(0.7-4.7)	1.3	.248
Economic Adversity	1.1	(0.7-1.8)	0.1	.736
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	1.4	(0.6-3.7)	0.6	.460
3	1.3	(0.4-4.8)	0.2	.668
4	1.8	(0.4-9.2)	0.5	.482
5	2.6	(0.2-29.5)	0.6	.446
6	9.7	(0.4-243.6)	1.9	.167
7+	4.1	(0.2-106.8)	0.7	.395
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	1.3	(0.4-3.9)	0.2	.621
3+	1.1	(0.3-5.0)	0.0	.863

*p<.05, 2-sided test.
Hispanic respondents coded 1, White respondents coded 0.

Appendix Table 18. Interactions of CAs with Hispanic ethnicity[1] in predicting DSM-IV substance disorders based on M5 (n=6,483)

	OR	(95% CI)	χ^2	p-value
Maladaptive Family Functioning CAs				
Emotional Abuse	3.5	(0.6-21.9)	1.8	.176
Physical Abuse	1.5	(0.2-13.4)	0.1	.737
Sexual Abuse	3.1	(0.5-19.9)	1.4	.228
Neglect	4.7	(0.2-144.2)	0.8	.372
Parent Mental Illness	1.4	(0.3-7.1)	0.1	.722
Parent Substance	1.3	(0.1-15.5)	0.0	.832
Parent Criminal	2.6	(0.7-9.1)	2.2	.138
Family Violence	1.4	(0.2-8.2)	0.1	.734
Other CAs				
Parent Death	0.4	(0.1-2.2)	1.0	.313
Parent Divorce	1.0	(0.4-2.6)	0.0	.989
Other Parent Loss	0.7	(0.1-6.9)	0.1	.792
Economic Adversity	0.8	(0.1-5.6)	0.0	.827
Number of MFF CAs				
0	-	-	-	-
1	-	-	-	-
2	0.4	(0.0-4.1)	0.7	.405
3	0.2	(0.0-10.5)	0.6	.446
4	0.0	(<.001-6.2)	1.8	.186
5	0.3	(<.001-653.8)	0.1	.757
6	0.0	(<.001-49.0)	1.0	.319
7+	3.3	(<.001->999.999)	0.1	.803
Number of Other CAs				
0	-	-	-	-
1	-	-	-	-
2	2.7	(0.2-34.2)	0.6	.449
3+	4.7	(0.0-668.1)	0.4	.540

*p<.05, 2-sided test.
Hispanic respondents coded 1, White respondents coded 0.