

## Supplementary Material:

Table S1. Sociodemographic Characteristics of Individuals with versus without CD in Men

	Men with CD (N=969)		Men without CD (n=13595)		OR	95% CI of OR
	%	95% CI	%	95% CI		
Race/ethnicity						
White <sup>a</sup>	70.87	66.31-75.05	71.25	67.92-74.37		
Black	8.42	6.57-10.74	10.20	8.96-11.60	0.83	0.65-1.05
Asian	2.78	1.63-4.69	4.47	3.38-5.88	0.62	0.36-1.07
Native American	5.41	3.66-7.91	1.81	1.48-2.21	3.00	1.96-4.59
Hispanic	12.52	9.28-16.69	12.27	10.02-14.93	1.03	0.80-1.32
Nativity						
Born in the United States <sup>a</sup>	91.93	89.10-94.08	85.20	82.09-87.85		
Born in a different country	8.07	5.92-10.90	14.80	12.15-17.91	0.51	0.38-0.66
Marital Status						
Married or cohabiting <sup>a</sup>	59.48	55.33-63.49	68.01	66.78-69.22		
Widowed/separated/divorced	13.48	11.20-16.14	12.74	12.11-13.40	1.21	0.96-1.53
Never married	27.04	23.45-30.96	19.25	18.10-20.45	1.61	1.29-2.00
Education Status						
< High School	20.33	17.19-23.88	13.65	12.68-14.68	1.54	1.24-1.92
High School graduate	19.03	16.04-22.42	23.57	22.38-24.81	0.84	0.68-1.03
Some college or higher <sup>a</sup>	60.64	56.70-64.44	62.78	61.24-64.30		
Urbanicity						
Urban <sup>a</sup>	84.91	81.70-87.65	83.89	82.57-85.13		
Rural	15.09	12.35-18.30	16.11	14.87-17.43	0.93	0.74-1.16
Region						
Northwest	17.80	14.48-21.68	17.65	15.35-20.21	0.94	0.74-1.21
Midwest	16.40	13.28-20.09	18.56	16.40-20.94	0.83	0.64-1.07
	38.97	33.85-44.35	38.66	35.61-41.80	0.94	0.76-1.17

South	26.83	22.98-31.05	25.12	23.22-27.14		
West <sup>a</sup>						
Insurance						
Private <sup>a</sup>	69.66	65.92-73.16	78.17	76.88-79.41		
Public	11.67	9.31-14.53	9.10	8.43-9.83	1.44	1.10-1.88
None	18.67	15.94-21.73	12.73	11.81-13.70	1.65	1.35-2.01

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<sup>a</sup>Reference group

Table S 2. Sociodemographic Characteristics of Individuals with versus without CD in Women

	Women with CD (n=509)		Women without CD (n=19,580)		OR	95% CI of OR
	%	95% CI	%	95% CI		
Race/ethnicity						
White <sup>a</sup>	66.51	60.76-71.81	70.73	67.49-73.77		
Black	15.95	12.22-20.56	11.84	10.50-13.33	1.43	1.06-1.94
Asian	1.12	0.44-2.82	4.28	3.37-5.43	0.28	0.11-0.68
Native American	5.86	3.42-9.86	2.22	1.84-2.66	2.81	1.56-5.06
Hispanic	10.55	7.93-13.90	10.93	8.76-13.56	1.03	0.72-1.46
Nativity						
Born in the United States <sup>a</sup>	95.92	93.65-97.40	86.32	83.23-88.92		
Born in a different country	4.08	2.60-6.35	13.68	11.08-16.77	0.27	0.17-0.42
Marital Status						
Married or cohabiting <sup>a</sup>	50.65	45.42-55.87	60.71	59.51-61.89		
Widowed/separated/divorced	24.18	20.13-28.76	24.45	23.65-25.28	1.19	0.92-1.53
Never married	25.17	20.76-30.16	14.84	13.91-15.81	2.03	1.57-2.63
Education Status						
< High School	22.78	18.48-27.73	13.70	12.65-14.83	1.79	1.33-2.39
High School graduate	19.70	15.80-24.30	24.45	23.53-25.39	0.87	0.66-1.14
Some college or higher <sup>a</sup>	57.52	52.33-62.54	61.85	60.61-63.08		
Urbanicity						
Urban <sup>a</sup>	83.54	79.00-87.26	83.44	82.28-84.55		
Rural	16.46	12.74-21.00	16.56	14.45-17.72	0.99	0.75-1.32
Region						
Northwest	19.40	15.02-24.69	17.84	15.54-20.40	1.18	0.84-1.66
Midwest	20.11	15.55-25.60	18.50	16.35-20.87	1.18	0.84-1.66
South	37.12	31.05-43.61	38.25	35.06-41.55	1.05	0.78-1.42
West <sup>a</sup>	23.37	18.86-28.58	25.40	23.50-27.40		
Insurance						
Private <sup>a</sup>	63.90	58.25-69.19	77.59	76.19-78.94		
Public	20.40	16.77-24.58	12.18	11.29-13.12	2.03	1.55-2.66
None	15.71	11.95-20.36	10.23	9.42-11.10	1.86	1.32-2.63

<sup>a</sup>Reference group

Table S3. Number of CD symptoms and risk of psychiatry disorders among Men and Women

	Men (n=14564)				Women (n=20089)			
	1-2 (n=3079)		3 + (n=969)		1-2 (n=2746)		3 + (n=509)	
	95%		95%		95%		95%	
	OR	CI	OR	CI	OR	CI	OR	CI
<b>Any Psychiatric Diagnoses</b>	3.49	3.07,3.97	14.60	10.42-20.46	3.88	3.39-4.44	17.58	10.00-30.92
<b>Any Axis I Disorder</b>	3.24	2.85-3.67	10.88	8.18-14.47	3.61	3.18-4.10	15.20	9.37-24.68
Any Substance Disorder	2.67	2.38-3.00	6.32	5.17-7.73	3.47	3.14-3.84	10.85	8.22-14.32
Nicotine Dependence	1.90	1.70-2.12	4.08	3.44-4.84	2.85	2.57-3.17	7.14	5.58-9.15
Any Alcohol use Disorder	2.61	2.32-2.94	5.23	4.36-6.29	3.02	2.71-3.36	8.11	6.38-10.32
Alcohol Abuse	1.51	1.35-1.68	1.21	1.01-1.45	2.12	1.88-2.40	2.94	2.24-3.87
Alcohol dependence	2.42	2.16-2.70	5.35	4.54-6.31	3.06	2.69-3.48	7.63	6.06-9.61
Any Drug Use Disorder	3.07	2.70-3.50	8.39	6.97-10.09	4.41	3.80-5.12	15.28	12.00-19.44
Drug Abuse	2.81	2.44-3.23	6.72	5.51-8.18	4.10	3.49-4.80	9.80	7.60-12.64
Drug Dependence	3.36	2.87-4.72	13.67	10.64-17.57	5.39	4.19-6.92	30.36	22.60-40.79
Any Mood Disorder	2.20	1.95-2.49	5.14	4.42-5.98	2.33	2.15-2.63	6.44	5.10-8.13
Major Depressive Disorder	1.78	1.54-2.06	2.35	1.94-2.85	1.79	1.61-2.00	2.13	1.64-2.78
Dysthymia	2.06	1.55-2.74	3.23	2.19-4.76	1.85	1.47-2.34	3.07	2.07-4.55
Bipolar Disorder	2.63	2.17-3.19	7.98	6.48-9.83	2.81	2.38-3.31	8.54	6.71-10.87
Any Anxiety Disorder	1.89	1.67-2.13	3.73	3.15-4.42	2.09	1.88-2.32	4.34	3.40-5.53
Panic Disorder	2.09	1.63-2.67	4.58	3.51-5.97	1.94	1.67-2.26	4.65	3.57-6.06
Social Anxiety Disorder	1.86	1.54-2.25	4.11	3.25-5.21	2.44	2.10-2.83	3.72	2.83-4.89
Specific Phobia	1.68	1.45-1.95	3.00	2.40-3.76	1.84	1.65-2.06	3.36	2.63-4.28
Generalized Anxiety Disorder	1.84	1.49-2.27	3.46	2.57-4.66	1.97	1.70-2.28	4.41	3.43-5.67
Posttraumatic Stress Disorder	1.59	1.28-1.96	2.64	1.97-3.53	2.19	1.87-2.56	3.09	2.29-4.16
Pathological Gambling	2.98	1.52-5.81	6.65	3.31-13.38	4.43	2.10-9.34	11.29	5.04-25.33
Suicide Attempt	2.82	2.04-3.91	7.55	5.27-10.81	3.32	2.76-3.99	9.01	6.65-12.21
ADHD	2.10	1.61-2.74	6.26	4.62-8.48	3.54	2.58-4.86	8.07	5.36-12.15
<b>Any Axis II Disorder</b>	2.29	2.06-2.56	5.46	4.56-6.53	2.82	2.53-3.14	7.23	5.78-9.05
Avoidant	3.44	2.43-4.87	8.65	5.69-13.15	3.79	3.00-4.77	8.11	5.50-11.94
Dependant	4.86	2.00-11.78	28.71	12.65-65.14	3.88	2.24-6.72	16.62	9.08-30.43
Obsessive-Compulsive	2.52	2.13-2.98	5.77	4.58-7.26	2.72	2.33-3.17	5.29	4.05-6.92
Paranoid	3.37	2.55-4.46	11.48	8.52-15.47	3.75	3.10-4.53	9.64	7.25-12.81
Schizoid	2.55	1.91-3.41	6.11	4.52-8.26	2.80	2.26-3.47	7.81	5.88-10.37

Schizotypal	1.73	1.38-2.17	5.24	4.04-6.80	2.55	2.06-3.15	5.97	4.37-8.17
Narcissistic	1.53	1.30-1.79	2.92	2.30-3.70	1.84	1.51-2.23	4.74	3.53-6.35
Borderline	1.94	1.60-2.36	4.59	3.57-5.91	3.04	2.60-3.55	6.53	5.06-8.44
Histrionic	4.53	3.20-6.42	14.51	9.92-21.22	4.03	2.98-5.45	12.78	8.77-18.63

Abbreviations: CD= conduct disorder; ADHD= attention deficit hyperactive disorder

Reference group is 0 symptoms. Males endorsing 0 symptoms (n=10516). Women endorsing 0 symptoms (n=16834).

\*The cut point of groups (criterion=2) is 75% quantile in the whole sample with 1+ criteria.