

Supplementary Table 4. Concordance and discordance of mental disorders among married couples by ICD-9-CM code (Cohen's kappa coefficient, N=1,324 psychiatric patients)

Psychiatric	N ₁ *	Concordant mental disorders					Discordant mental disorders				
		N ₂	% [†]	κ	p value		N ₃ (1st)	% [‡]		N ₄ (2nd)	% [§]
Dementias	283	118	8.9	0.2762	<0.001	Anxiety, dissociative, and somatoform disorders	201	15.2	Major depressive disorder	133	10.0
Alcohol-induced mental disorders	151	22	1.7	0.0943	<0.001	Anxiety, dissociative, and somatoform disorders	121	9.1	Bipolar disorder	91	6.9
Drug-induced mental disorders	97	20	1.5	0.1443	<0.001	Anxiety, dissociative, and somatoform disorders	80	6	Major depressive disorder	55	4.2
Transient mental disorders due to conditions classified elsewhere	159	32	2.4	0.1068	0.003	Anxiety, dissociative, and somatoform disorders	123	9.3	Major depressive disorder	76	5.7
Persistent mental disorders due to conditions classified elsewhere	333	126	9.5	0.1898	<0.001	Anxiety, dissociative, and somatoform disorders	264	19.9	Major depressive disorder	163	12.3
Schizophrenic disorders	628	376	28.4	0.2456	<0.001	Anxiety, dissociative, and somatoform disorders	470	35.5	Bipolar disorder	313	23.6
Episodic mood disorders	892	654	49.4	0.1909	<0.001	Anxiety, dissociative, and somatoform disorders	704	53.2	Schizophrenic disorders	415	31.3
Bipolar disorder	634	394	29.8	0.2836	<0.001	Anxiety, dissociative, and somatoform disorders	511	38.6	Major depressive disorder	349	26.4
Major depressive disorder	648	374	28.2	0.1765	<0.001	Anxiety, dissociative, and somatoform disorders	520	39.3	Bipolar disorder	349	26.4
Delusional disorders	126	22	1.7	0.0879	0.024	Anxiety, dissociative, and somatoform disorders	103	7.8	Major depressive disorder	68	5.1
Other nonorganic psychoses	302	86	6.5	0.0735	0.059	Anxiety, dissociative, and somatoform disorders	241	18.2	Bipolar disorder	164	12.4
Pervasive developmental disorders	8	0	0	-0.0046	0.892	Schizophrenic disorders	7	0.5	Special symptoms or syndromes, not elsewhere classified	6	0.5
Anxiety, dissociative, and somatoform disorders	1005	820	61.9	0.2368	<0.001	Major depressive disorder	520	39.3	Bipolar disorder	511	38.6
Personality disorders	138	20	1.5	0.0529	0.155	Anxiety, dissociative, and somatoform disorders	123	9.3	Bipolar disorder	88	6.6
Sexual and gender identity disorders	32	4	0.3	0.1119	<0.001	Anxiety, dissociative, and somatoform disorders	28	2.1	Major depressive disorder	21	1.6
Alcohol dependence syndrome	198	36	2.7	0.1038	<0.001	Anxiety, dissociative, and somatoform disorders	160	12.1	Bipolar disorder	118	8.9
Drug dependence	90	32	2.4	0.3094	<0.001	Anxiety, dissociative, and somatoform disorders	80	6.0	Bipolar disorder	61	4.6
Nondependent abuse of drugs	239	74	5.6	0.1794	<0.001	Anxiety, dissociative, and somatoform disorders	204	15.4	Bipolar disorder	148	11.2
Physiological malfunction arising from mental factors	219	56	4.2	0.1098	0.004	Anxiety, dissociative, and somatoform disorders	179	13.5	Major depressive disorder	119	9
Special symptoms or syndromes, not elsewhere classified	542	292	22.1	0.2220	<0.001	Anxiety, dissociative, and somatoform disorders	447	33.8	Major depressive disorder	294	22.2
Acute reaction to stress	67	16	1.2	0.1982	<0.001	Anxiety, dissociative, and somatoform disorders	56	4.2	Bipolar disorder/Schizophrenic	41	3.1
Adjustment reaction	191	42	3.2	0.0976	0.009	Anxiety, dissociative, and somatoform disorders	155	11.7	Major depressive disorder	122	9.2
Specific nonpsychotic mental disorders due to brain damage	78	8	0.6	0.0465	0.230	Anxiety, dissociative, and somatoform disorders	63	4.8	Bipolar disorder	45	3.4
Depressive disorder, not elsewhere classified	528	252	19	0.1349	<0.001	Anxiety, dissociative, and somatoform disorders	427	32.3	Major depressive disorder	292	22.1
Disturbance of conduct, not elsewhere classified	17	0	0	-0.0130	0.738	Major depressive disorder/anxiety, dissociative, and somatoform disorders	12	0.9	Bipolar disorder	11	0.8
Disturbance of emotions specific to childhood and adolescence	10	2	0.2	0.1942	<0.001	Anxiety, dissociative, and somatoform disorders	9	0	Bipolar disorder	8	0.6
Hyperkinetic syndrome of childhood	6	0	0	-0.0040	0.912	Anxiety, dissociative, and somatoform disorders/major depressive disorder	6	0.7	Special symptoms or syndromes, not elsewhere classified	4	0.3
Specific delays in development	6	0	0	-0.0046	0.907	Anxiety, dissociative, and somatoform disorders/depressive disorder, not elsewhere classified	6	0.5	Bipolar disorder/major depressive disorder	5	0.4
Psychic factors associated with diseases classified elsewhere	24	6	0.5	0.2362	<0.001	Anxiety, dissociative, and somatoform disorders	19	1.4	Major Depressive disorder	18	1.4
Mild mental retardation	19	2	0.2	0.0940	0.009	Schizophrenic disorders/anxiety, dissociative, and somatoform disorders	16	1.2	Bipolar disorder	11	0.8
Other specified mental retardation	15	0	0	-0.0073	0.814	Anxiety, dissociative, and somatoform disorders	12	0.9	Special symptoms or syndromes, not elsewhere classified	10	0.8
Unspecified mental retardation	32	4	0.3	0.1137	<0.001	Anxiety, dissociative, and somatoform disorders	23	1.7	Schizophrenic disorders	21	1.6

*total number of patients across couples=N₁+N₂ in Supplementary Table 3; †concordance in couples=N₂ (both spouses)/1,324; ‡first discordance=N₃/1,324; §second discordance=N₄/1,324