

Supplementary Online Content

Benros ME, Waltoft BL, Nordentoft M, et al. Autoimmune diseases and severe infections as risk factors for mood disorders: a nationwide study. *JAMA Psychiatry*. Published online June 12, 2013. doi:10.1001/jamapsychiatry.2013.1111.

eTable. Incidence Rate Ratios (IRRs) of Mood Disorders Associated With Autoimmune Diseases and the Number of Hospital Contacts With Infections Among Persons With or Without Substance Use Disorders or Psychiatric Family History In Denmark (1977-2010)¹

This supplementary material has been provided by the authors to give readers additional information about their work.

¹ Analyses were adjusted for sex, age, and calendar period.

eTable 1. Incidence rate ratio (IRR) of mood disorders associated with autoimmune diseases and the number of hospital contacts with infections among persons with or without substance use disorders or psychiatric family history in Denmark (1977-2010).¹

	General population			No substance abuse			No psychiatric family history ²			Psychiatric family history ^{2,3}		
	IRR	95% CI	Cases	IRR	95% CI	Cases	IRR	95% CI	Cases	IRR	95% CI	Cases
Persons without a hospital contact with an autoimmune disorder or infection (ref)	1.00	[Reference]	60,361	1.00	[Reference]	51,109	1.00	[Reference]	32,534	1.00	[Reference]	11,292
Autoimmune disease	1.46	1.39-1.52	2082	1.40	1.33-1.47	1685	1.48	1.39-1.57	1071	1.29	1.15-1.43	345
1 infection	1.43	1.40-1.45	15,735	1.37	1.34-1.40	12,985	1.41	1.37-1.44	9332	1.26	1.22-1.31	3667
1 infection and autoimmune disease	1.89	1.77-2.02	885	1.84	1.71-1.98	719	2.01	1.84-2.19	507	1.58	1.36-1.83	174
2 infections	1.74	1.69-1.79	5865	1.65	1.60-1.70	4780	1.69	1.63-1.75	3482	1.44	1.37-1.52	1472
2 infections and autoimmune disease	2.54	2.33-2.77	506	2.39	2.16-2.64	395	2.51	2.22-2.82	273	2.15	1.79-2.59	115
3 infections	2.12	2.04-2.21	2565	1.99	1.90-2.08	2038	2.05	1.95-2.16	1508	1.76	1.63-1.90	734
3 infections and autoimmune disease	2.90	2.57-3.27	270	2.60	2.26-2.99	197	2.95	2.51-3.46	149	1.89	1.43-2.50	49
4 infections	2.53	2.40-2.68	1304	2.39	2.25-2.54	1026	2.43	2.26-2.61	743	1.98	1.79-2.19	381
4 infections and autoimmune disease	2.86	2.42-3.37	143	2.78	2.31-3.35	112	3.08	2.48-3.82	83	1.95	1.37-2.78	31
5 infections	2.47	2.28-2.68	603	2.26	2.06-2.47	452	2.34	2.10-2.61	336	2.01	1.75-2.32	195
5 infections and autoimmune disease	3.35	2.73-4.11	93	2.84	2.22-3.65	62	3.68	2.83-4.78	56	2.12	1.34-3.37	18
6 infections	2.53	2.27-2.83	327	2.32	2.05-2.63	242	2.44	2.11-2.82	185	1.98	1.63-2.40	104
6 infections and autoimmune disease	3.27	2.52-4.26	56	2.88	2.09-3.95	38	3.44	2.43-4.86	32	1.88	1.01-3.49	10
7 infections	3.14	2.75-3.58	223	2.77	2.37-3.24	156	3.13	2.64-3.72	130	2.18	1.69-2.80	61
7 infections and autoimmune disease	3.62	2.64-4.95	39	3.45	2.38-4.99	28	3.93	2.61-5.91	23	2.39	1.20-4.78	8
8 or more infections	3.36	3.06-3.68	459	2.72	2.42-3.07	277	3.34	2.95-3.78	252	2.21	1.86-2.62	133
8 or more infections and autoimmune disease	4.12	3.45-4.92	121	4.23	3.43-5.21	88	4.78	3.80-6.00	74	2.24	1.46-3.43	21

