

**SUPPLEMENTAL DIGITAL CONTENT 1.** Case-control analyses for psychiatric conditions before the index date, stratified by index calendar year.

Condition <sup>a</sup>	Bilateral oophorectomy (N=723 1988-1997, N=930 1998-2007)		Control women (N=723 1988-1997, N=930 1998-2007)		Unadjusted models <sup>b</sup>		Adjusted models <sup>c</sup>		Interaction <i>P</i>	
	<i>N</i>	%	<i>N</i>	%	Odds ratio (95% CI)	<i>P</i>	Odds ratio (95% CI)	<i>P</i>		
Mood disorders										
Decade 1988-1997	147	20.3	108	14.9	1.44 (1.10-1.88)	0.009	1.42 (1.08-1.88)	0.01	0.04	
Decade 1998-2007	382	41.1	238	25.6	2.01 (1.65-2.46)	<0.001	2.03 (1.65-2.49)	<0.001		
Bipolar disorders										
Decade 1988-1997	11	1.5	4	0.6	2.75 (0.88-8.64)	0.08	2.52 (0.79-7.98)	0.12	0.42	
Decade 1998-2007	20	2.2	14	1.5	1.46 (0.72-2.96)	0.29	1.44 (0.70-2.96)	0.32		
Anxiety disorders										
Decade 1988-1997	94	13.0	69	9.5	1.40 (1.01-1.94)	0.04	1.37 (0.99-1.91)	0.06	0.65	
Decade 1998-2007	142	15.3	120	12.9	1.24 (0.94-1.63)	0.13	1.24 (0.94-1.64)	0.13		
Schizophrenia										
Decade 1988-1997	5	0.7	5	0.7	1.00 (0.29-3.45)	1.00	1.06 (0.30-3.71)	0.93	0.14	
Decade 1998-2007	2	0.2	8	0.9	0.25 (0.05-1.18)	0.08	0.23 (0.05-1.11)	0.07		
Somatoform disorders										
Decade 1988-1997	17	2.4	2	0.3	8.50 (1.96-36.79)	0.004	8.38 (1.93-36.47)	0.005	0.14	
Decade 1998-2007	17	1.8	7	0.8	2.43 (1.01-5.86)	0.048	2.29 (0.94-5.57)	0.07		
Personality disorders										
Decade 1988-1997	15	2.1	6	0.8	2.50 (0.97-6.44)	0.06	2.43 (0.94-6.30)	0.07	0.55	
Decade 1998-2007	22	2.4	14	1.5	1.67 (0.81-3.41)	0.16	1.68 (0.81-3.47)	0.16		
Dissociative disorders										
Decade 1988-1997	5	0.7	0	0.0	--	--	--	--	--	
Decade 1998-2007	7	0.8	8	0.9	0.88 (0.32-2.41)	0.80	0.79 (0.28-2.23)	0.65		
Adjustment disorders										
Decade 1988-1997	45	6.2	35	4.8	1.32 (0.83-2.11)	0.24	1.38 (0.86-2.22)	0.18	0.31	
Decade 1998-2007	78	8.4	77	8.3	1.01 (0.73-1.41)	0.93	1.02 (0.73-1.43)	0.89		

<sup>a</sup> Psychiatric conditions before the index date were determined from abstraction of the medical records.

<sup>b</sup> Odds ratios calculated using conditional logistic regression models (matched pairs).

## SUPPLEMENTAL DIGITAL CONTENT 1. *Continued*

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<sup>c</sup> Odds ratios calculated using conditional logistic regression models (matched pairs), adjusted for race (white vs nonwhite), years of education ( $\leq 12$ , 13-16,  $> 16$ ), and quartiles of household income ( $< \$42,000$ ,  $\$42,000-56,999$ ,  $\$57,000-71,999$ ,  $\geq \$72,000$ ). The interaction p-values were calculated using adjusted conditional logistic regression models (matched pairs) which also included a variable for the multiplicative interaction between each psychiatric condition and decade (1988-1997 vs 1998-2007). Women missing years of education (1988-1997: 1 case, 11 controls; 1998-2007: 2 cases, 24 controls) were assigned to the  $\leq 12$  years group and women missing household income (1988-1997: 2 cases, 2 controls; 1998-2007: 4 cases, 0 controls) were assigned to the second quartile.