

THE LANCET Psychiatry

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.
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Supplement to: Fazel S, Wolf A, Chang Z, Larsson H, Goodwin GM, Lichtenstein P.
Depression and violence: a Swedish population study. *Lancet Psychiatry* 2015; **2**: 244–32.

Appendix Table 1. First crime after diagnosis.

Type of violent crime	MEN (n=17,249)			WOMEN (n=29,909)		
	n (% of those with depression)	% of violent offenders	aOR (95% CI)	n (% of those with depression)	% of violent offenders	aOR (95% CI)
Homicide	5 (0.03%)	0.8%	3.0 (1.1-7.8)	0 (0%)	0%	- (---)
Assault	426 (2.5%)	66.5%	2.9 (2.6-3.2)	114 (0.4%)	75.0%	2.7 (2.2-3.3)
Sexual offences	21 (0.1%)	3.3%	1.8 (1.1-2.7)	2 (0.01%)	1.3%	5.2 (1.0-25.8)
Robbery	31 (0.2%)	4.8%	3.0 (2.0-4.4)	4 (0.01%)	2.6%	2.8 (1.0-8.3)
Arson	2 (0.01%)	0.3%	2.0 (0.5-8.8)	1 (0.01%)	0.7%	1.2 (0.2-10.0)
Threats & harassment	231 (1.3%)	36.0%	4.1 (3.5-4.7)	43 (0.1%)	28.3%	3.3 (2.4-4.5)

Note: All aORs (adjusted odds ratios) are compared with general population controls and matched by age and sex. aOR analyses are adjusted for low family income and being born abroad. Homicide includes attempted homicide. Assault includes aggravated assault, common assault, and assaulting an officer. Some cases committed more than one type of crime within a particular incident.

Appendix Table 2a: Adjusted odds ratios of violent crime in patients with depression and unaffected siblings compared with general population controls, using 2001-2009 follow-up only.

2001-2009 follow-up	Paternal half-siblings n=2,477		Maternal half-siblings n=2,070		Full siblings n=23,372	
	aOR	ROR	aOR	ROR	aOR	ROR
Overall	1.3 (1.0-1.7)	2.3 (1.8-3.0)	1.4 (1.1-1.8)	2.2 (1.7-2.9)	1.4 (1.3-1.6)	2.1 (1.8-2.5)
Sex						
Male	1.3 (1.0-1.7)	2.4 (1.8-3.2)	1.4 (1.1-1.9)	2.2 (1.6-2.9)	1.4 (1.2-1.6)	2.2 (1.9-2.6)
Female	1.3 (0.6-2.6)	2.1 (1.1-4.3)	1.2 (0.6-2.2)	2.4 (1.2-4.6)	1.6 (1.2-2.3)	1.7 (1.2-2.5)
Without previous:						
Alc/drug	1.3 (1.0-1.8)	2.3 (1.7-3.1)	1.2 (0.9-1.7)	2.5 (1.8-3.3)	1.4 (1.2-1.6)	2.2 (1.8-2.5)
Violent crime	1.3 (0.9-1.8)	2.4 (1.7-3.4)	1.4 (1.1-1.9.0)	2.2 (1.6-3.1)	1.4 (1.2-1.7)	2.1 (1.7-2.5)
Any crime	0.9 (0.5-1.5)	3.0 (1.8-5.0)	1.3 (0.8-2.0)	2.1 (1.3-3.3)	1.5 (1.2-1.8)	1.8 (1.4-2.3)
Self-harm	1.3 (1.0-1.7)	2.4 (1.8-3.1)	1.4 (1.0-1.8)	2.3 (1.7-3.0)	1.4 (1.2-1.6)	2.2 (1.9-2.6)
All of above	1.0 (0.6-1.6)	2.7 (1.6-4.5)	1.4 (0.9-2.2)	1.9 (1.2-3.0)	1.4 (1.2-1.7)	1.9 (1.4-2.4)

All aORs (adjusted odds ratios) are compared with general population controls and matched by age and sex. aOR analyses are adjusted for low family income and being born abroad. ROR=ratio of odds ratios.

Appendix Table 2b: Adjusted odds ratios of violent crime in patients with depression and unaffected siblings compared with general population controls, using younger siblings only

Younger siblings only	Paternal half-siblings n=975		Maternal half-siblings n=808		Full siblings n=7,691	
	aOR	ROR	aOR	ROR	aOR	ROR
Overall	1.1 (0.5-2.2)	2.8 (1.4-5.9)	1.2 (0.6-2.2)	2.6 (1.4-5.1)	1.2 (0.9-1.6)	2.5 (1.9-3.5)
Gender						
Male	1.3 (0.6-2.7)	2.4 (1.1-5.0)	1.2 (0.6-2.4)	2.6 (1.3-5.2)	1.4 (1.0-1.8)	2.3 (1.7-3.2)
Female	- (---)	- (---)	0.9 (0.1-6.8)	3.2 (0.4-24.8)	0.2 (0.0-1.4)	13.8 (1.9-100)
Without previous:						
Alc/drug	1.1 (0.5-2.6)	2.7 (1.2-6.2)	0.9 (0.4-2.0)	3.4 (1.5-7.9)	1.3 (0.9-1.7)	2.4 (1.7-3.3)
Violent crime	1.2 (0.5-3.1)	2.4 (1.0-6.1)	1.2 (0.5-2.9)	2.6 (1.0-6.5)	1.1 (0.7-1.6)	2.8 (1.8-4.2)
Any crime	0.8 (0.2-3.2)	3.5 (0.8-14.6)	1.1 (0.3-3.6)	2.5 (0.7-8.2)	1.0 (0.6-1.7)	2.6 (1.5-4.3)
Self-harm	1.1 (0.5-2.3)	2.8 (1.3-6.2)	1.0 (0.5-2.1)	3.0 (1.4-6.3)	1.2 (0.9-1.6)	2.6 (1.9-3.6)
All of above	1.0 (0.2-4.2)	2.6 (0.6-11.2)	1.1 (0.3-3.8)	2.3 (0.7-7.8)	0.9 (0.5-1.6)	2.9 (1.6-5.1)

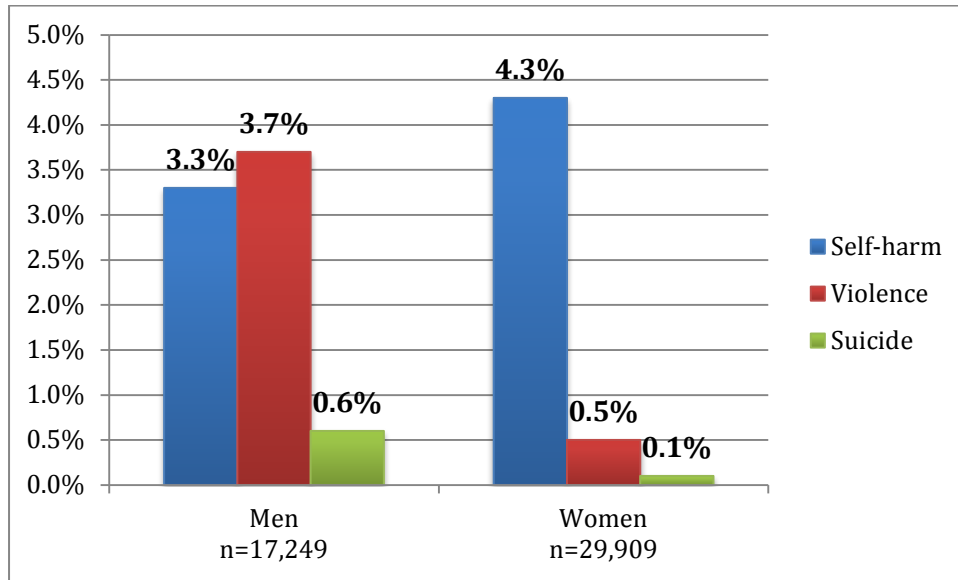
All aORs (adjusted odds ratios) are compared with general population controls and matched by age and sex. aOR analyses are adjusted for low family income and being born abroad. ROR=ratio of odds ratios.

Appendix Table 2c: Adjusted odds ratios of violent crime in patients with depression and unaffected siblings compared with general population controls, using older siblings only

Older siblings only	Paternal half-siblings n=7,759		Maternal half-siblings n=5,992		Full siblings n=25,825	
	OR	ROR	OR	ROR	OR	ROR
Overall	1.2 (1.1-1.4)	2.5 (2.2-2.8)	1.2 (1.1-1.4)	2.5 (2.2-2.8)	1.5 (1.4-1.6)	2.0 (1.8-2.3)
Gender						
Male	1.2 (1.1-1.4)	2.6 (2.2-2.9)	1.2 (1.1-1.4)	2.5 (2.2-3.0)	1.4 (1.3-1.6)	2.2 (1.9-2.5)
Female	1.2 (0.9-1.6)	2.3 (1.7-3.2)	1.2 (0.9-1.7)	2.2 (1.6-3.2)	1.9 (1.5-2.4)	1.4 (1.1-1.9)
Without previous:						
Alc/drug	1.2 (1.1-1.4)	2.5 (2.2-2.9)	1.2 (1.1-1.4)	2.5 (2.2-2.9)	1.4 (1.3-1.6)	2.1 (1.8-2.4)
Violent crime	1.2 (1.0-1.3)	2.6 (2.2-3.0)	1.2 (1.1-1.4)	2.4 (2.0-2.9)	1.5 (1.3-1.7)	2.0 (1.7-2.3)
Any crime	1.1 (0.9-1.3)	2.4 (1.9-3.0)	1.3 (1.1-1.6)	2.0 (1.6-2.5)	1.5 (1.3-1.7)	1.8 (1.5-2.2)
Self-harm	1.2 (1.1-1.3)	2.6 (2.2-3.0)	1.2 (1.1-1.4)	2.5 (2.2-2.9)	1.5 (1.3-1.6)	2.1 (1.8-2.4)
All of above	1.1 (0.9-1.3)	2.3 (1.9-2.9)	1.3 (1.1-1.6)	2.0 (1.6-2.5)	1.4 (1.2-1.7)	1.8 (1.5-2.2)

All aORs (adjusted odds ratios) are compared with general population controls and matched by age and sex. aOR analyses are adjusted for low family income and being born abroad. ROR=ratio of odds ratios.

Appendix Figure 1. Absolute rates of self-harm, violent crime, and suicide in patients with depression, by sex.



Note: Mean follow-up of 3.0 years (SD 2.3) for men, 3.2 years (2.3) for women.