Data supplement to Hayes et al Mortality gap for people with bipolar disorder and schizophrenia: UK-based cohort study 2000–2014.
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Table DS1 Cardiovascular disease diagnosis and self-harm rates

	General population comparison[a] N= 219,387	Bipolar disorder N= 17,341		Schizophrenia N= 22,497	
Cardiovascular disease					
Events, n	2445	382		551	
PYAR (10,000s)	61.59	5.60		7.76	
Rate, per 10,000 PYAR (95%CI)	39.70 (38.15-41.30)	68.19 (61.69-75.39)		70.97 (65.28-77.15)	
Age, sex, calendar period adjusted HR (95%CI)	1 (reference)	1.46 (1.31-1.63)		1.47 (1.34-1.61)	
[b]Sociodemographics adjusted HR (95% CI)	1 (reference)	1.41 (1.26-1.58)		1.36 (1.24-1.50)	
Stratified [b]adjusted model HR (95%CI)			P-value[d]		P-value[d]
Men	1 (reference)	1.55 (1.31-1.82)	<0.0001	1.37 (1.20-1.57)	0.018
Women	1 (reference)	1.00 (0.86-1.17)		1.04 (0.90-1.20)	
16-50	1 (reference)	2.30 (1.78-2.99)	0.670	1.66 (1.29-2.15)	0.002
>50	1 (reference)	2.45 (2.01-2.99)		2.60 (2.14-3.14)	
2000-2004	1 (reference)	1.22 (0.96-1.56)	0.118	1.45 (1.124-1.69)	0.762
2005-2009	1 (reference)	1.26 (1.03-1.54)		1.46 (1.24-1.71)	
2010-2014	1 (reference)	1.57 (1.34-1.83)		1.35 (1.16-1.57)	
[c]Health and health behaviour adjusted HR (95% CI)	1 (reference)	1.26 (1.12-1.41)		1.22 (1.11-1.35)	
Self-harm					
Events, n	390	950		1101	
PYAR (10,000s)	64.87	5.99		8.26	
Rate, per 10,000 PYAR (95%CI)	6.01 (5.44-6.64)	158.66 (148.88-169.07)		133.33 (125.68-141.44)	
Age, sex, calendar period adjusted HR (95%CI)	1 (reference)	26.61 (23.63-29.96)		24.04 (21.37-27.07)	
[b]Sociodemographics adjusted HR (95% CI)	1 (reference)	25.24 (22.37-28.49)		22.14 (19.58-25.03)	

Stratified fully [b]adjusted model HR (95%CI)			P-value[d]		P-value[d]
Men	1 (reference)	22.21 (18.48-26.68)	0.096	22.32 (18.91-26.34)	0.735
Women	1 (reference)	27.31 (23.21-32.13)		21.43 (17.97-25.54)	
16-50	1 (reference)	55.74 (45.35-68.52)	0.0001	52.07 (42.43-63.92)	0.0001
>50	1 (reference)	13.99 (11.98-16.34)		9.99 (8.53-11.72)	
2000-2004	1 (reference)	20.56 (14.25-29.67)	0.424	23.69 (16.91-33.19)	0.030
2005-2009	1 (reference)	26.56 (21.96-32.13)		17.69 (14.60-21.43)	
2010-2014	1 (reference)	26.69 (22.48-31.69)		24.68 (20.79-29.31)	

[a]General population comparison group of up to 6 individuals without BPD or schizophrenia matched for sex, age group, primary care practice
[b]age, sex, calendar period, area level deprivation, ethnicity, number of primary care contacts
[c]Adjusted for age, sex, calendar period, area level deprivation, ethnicity, smoking, high cholesterol, high blood pressure, BMI, diabetes mellitus and primary care contacts
[d]Test for heterogeneity