

Report Supplementary Material 4: Table S4: Objective 2 - extra models investigating the impact of additional risk factors on physical and mental health outcomes

Table S4: Objective 2 table - Extra models investigating the impact of additional risk factors on physical and mental health outcomes in people with SMI and diabetes

	Macrovascular complications - Primary care diagnosis			All-cause mortality			Microvascular complications		
	OR	95% CI	p	HR	95% CI	p	HR	95% CI	p
Age (at follow-up start)	1.040	[1.024 - 1.056]	<0.001	1.075	[1.066 - 1.085]	<0.001	1.064	[1.008 - 1.123]	0.024
Age squared							0.999	[0.999 - 1.000]	0.038
Gender, reference = Male									
Female	0.903	[0.650 - 1.255]	0.545	0.821	[0.678 - 0.995]	0.044	0.960	[0.784 - 1.174]	0.688
Ethnicity, reference = White									
Asian	0.761	[0.391 - 1.481]	0.422	0.487	[0.304 - 0.781]	0.003	1.078	[0.780 - 1.488]	0.650
Black	1.674	[0.793 - 3.533]	0.176	0.897	[0.531 - 1.517]	0.686	1.086	[0.632 - 1.868]	0.765
Mix, other and unknown	0.740	[0.320 - 1.708]	0.480	1.879	[1.310 - 2.696]	0.001	1.021	[0.609 - 1.713]	0.937
Patient IMD 2010, reference = 1st quintile (least deprived)									
2nd quintile	1.128	[0.589 - 2.163]	0.716	1.188	[0.830 - 1.699]	0.347	1.391	[0.977 - 1.981]	0.067
3rd quintile	1.584	[0.911 - 2.755]	0.103	0.957	[0.662 - 1.383]	0.814	1.163	[0.824 - 1.642]	0.390
4th quintile	1.556	[0.920 - 2.631]	0.099	1.482	[1.078 - 2.038]	0.015	1.374	[0.974 - 1.937]	0.070
5th quintile (most deprived)	1.300	[0.732 - 2.308]	0.371	1.350	[0.974 - 1.872]	0.072	1.144	[0.779 - 1.679]	0.493
Missing				1.503	[0.051 - 44.629]	0.814	1.413	[0.705 - 2.833]	0.329
SMI status									
Duration (years)				0.991	[0.983 - 0.999]	0.023			
Type, reference = Schizophrenia									
Schizoaffective disorder				1.558	[1.061 - 2.290]	0.024			
Bipolar disorder				0.888	[0.712 - 1.108]	0.291			
Depression and psychosis				0.863	[0.601 - 1.238]	0.423			

Other affective disorder, mixed and missing				1.564	[0.822 - 2.976]	0.173		
T2DM duration	1.033	[1.004 - 1.063]	0.024					
Comorbidities								
Cardiovascular disease	2.992	[1.979 - 4.523]	<0.001				1.297	[0.988 - 1.701] 0.061
Hypertension	1.384	[0.990 - 1.935]	0.057					
Charlson index comorbidities (count var)				1.160	[1.044 - 1.289]	0.006		
Medications								
Antipsychotics - typical				1.261	[1.008 - 1.578]	0.043		
Antipsychotics - atypical				1.309	[1.079 - 1.588]	0.006		
Antidiabetics				1.343	[1.094 - 1.649]	0.005		
Lifestyle								
Smoking status, <i>reference</i> = Non smoker								
Ex-smoker	0.957	[0.557 - 1.643]	0.872					
Current smoker	1.907	[1.189 - 3.057]	0.007					
Missing	1.631	[1.019 - 2.612]	0.042					
Substance use				3.304	[1.582 - 6.901]	0.001		
Biometric measures								
HbA _{1c} ^a , <i>reference</i> : ≤ 7.5%								
> 7.5%							1.662	[1.331 - 2.075] <0.001
Missing							1.100	[0.878 - 1.380] 0.407
Length of follow-up (years)	1.164	[1.107 - 1.225]	<0.001					
Constant	0.001	[0.000 - 0.008]						
Financial year dummies	Yes			Yes			Yes	
Patients	2,628			2,754			2,524	
Practices	349							
C statistic	0.812							

Failures

Time at risk (years)

	458		460	
<0.001	13334.804	<0.001	10356.178	0.024

Robust 95% CI in brackets. a. HbA_{1c} 7.5% = 58 mmol/mol.