

Report Supplementary Material 9: Table S9: Objective 4 - adjusted impact of SMI on physical and mental health outcomes for people with type 2 diabetes (core models)

Table S9: Objective 4 table - Adjusted impact of SMI on physical and mental health outcomes for people with type 2 diabetes (core models)

	Macrovascular complications - Primary care diagnosis			Macrovascular complications - hospital admissions (emergency)			Macrovascular complications - hospital admissions (elective)			All-cause mortality			Depression and Anxiety		
	OR	95% CI	p	IRR	95% CI	p	IRR	95% CI	p	HR	95% CI	p	OR	95% CI	p
Age (at follow-up start)	0.865	[0.753 - 0.994]	0.040	1.047	[1.021 - 1.074]	<0.001	1.016	[0.970 - 1.063]	0.504	0.997	[0.898 - 1.108]	0.963	0.940	[0.864 - 1.023]	0.154
Ethnicity, reference = White															
Asian	1.064	[0.686 - 1.650]	0.782	1.133	[0.739 - 1.736]	0.568	1.724	[0.944 - 3.151]	0.076	0.451	[0.241 - 0.844]	0.013	0.730	[0.534 - 0.998]	0.049
Black	1.204	[0.680 - 2.133]	0.525	1.194	[0.673 - 2.120]	0.545	0.651	[0.232 - 1.831]	0.416	1.019	[0.586 - 1.772]	0.948	0.458	[0.308 - 0.680]	<0.001
Mix, other and unknown	0.638	[0.430 - 0.947]	0.026	0.340	[0.210 - 0.552]	<0.001	0.277	[0.122 - 0.627]	0.002	2.083	[1.454 - 2.984]	<0.001	0.459	[0.350 - 0.603]	<0.001
Patient IMD 2010, reference = 1st quintile (least deprived)															
2nd quintile	1.303	[0.907 - 1.874]	0.152	1.156	[0.845 - 1.581]	0.365	1.284	[0.818 - 2.015]	0.277	1.082	[0.776 - 1.507]	0.643	0.986	[0.753 - 1.292]	0.921
3rd quintile	2.198	[1.546 - 3.126]	<0.001	1.408	[1.023 - 1.938]	0.036	1.019	[0.638 - 1.627]	0.937	1.701	[1.254 - 2.306]	0.001	1.284	[1.005 - 1.641]	0.046
4th quintile	1.820	[1.228 - 2.699]	0.003	1.271	[0.921 - 1.755]	0.144	1.295	[0.813 - 2.063]	0.276	1.589	[1.159 - 2.177]	0.004	1.373	[1.047 - 1.799]	0.022
5th quintile (most deprived)	1.417	[0.952 - 2.110]	0.086	1.313	[0.934 - 1.846]	0.118	1.170	[0.714 - 1.916]	0.533	1.427	[1.018 - 1.999]	0.039	1.457	[1.116 - 1.903]	0.006
Missing	1.282	[0.054 - 30.244]	0.878	1.281	[0.122 - 13.421]	0.836	0.000	[0.000 - .]	0.996	1.965	[0.318 - 12.163]	0.468	3.179	[0.957 - 10.553]	0.059
Diagnosis of SMI	0.999	[0.824 - 1.210]	0.988	1.141	[0.956 - 1.362]	0.143	0.644	[0.470 - 0.881]	0.006	1.893	[1.589 - 2.256]	<0.001	1.858	[1.629 - 2.119]	<0.001

T2DM status - duration (years)				1.034	[1.009 - 1.059]	0.007	1.041	[1.001 - 1.083]	0.045						
Comorbidities															
Cardiovascular disease	3.103	[2.500 - 3.851]	<0.001	2.425	[1.996 - 2.946]	<0.001	2.710	[2.024 - 3.628]	<0.001	1.305	[1.061 - 1.605]	0.012			
Charlson index comorbidities (count var)										1.372	[1.229 - 1.530]	<0.001	1.235	[1.133 - 1.347]	<0.001
Medications															
Antihypertensive				1.309	[1.072 - 1.600]	0.008	1.399	[1.032 - 1.895]	0.030						
Lipid lowering drugs	1.269	[1.012 - 1.590]	0.039	1.284	[1.053 - 1.564]	0.013	1.852	[1.380 - 2.484]	<0.001						
Antidiabetics										2.384	[1.634 - 3.478]	<0.001			
Length of follow-up (years)	1.027	[0.996 - 1.058]	0.086	1.020	[0.992 - 1.048]	0.166	1.148	[1.090 - 1.208]	<0.001				1.100	[1.073 - 1.127]	<0.001
Constant				0.007	[0.001 - 0.036]	<0.001	0.004	[0.000 - 0.078]	<0.001						
Financial year dummies	Yes			Yes			Yes			Yes			Yes		
Time-varying variables															
Antidiabetics										0.922	[0.872 - 0.975]	0.004			
Patients	3,159			2,988			1,772			9,965			5,969		
Case-control clusters	657			624			367						1,277		
C statistic	0.659												0.685		
Failures										1,384					
Time at risk (years)										61645.306					

Robust 95% CI in brackets.