

Report Supplementary Material 10: Table S10: Objective 4- adjusted impact of SMI on physical health checks for people with type 2 diabetes (core models)

Table S10: Objective 4 table - Adjusted impact of SMI on physical health checks for people with type 2 diabetes (core models)

	Health checks - blood pressure			Health checks - cholesterol			Health checks - HbA _{1c}			Health checks - BMI		
	IRR	95% CI	p	IRR	95% CI	p	IRR	95% CI	p	IRR	95% CI	p
Age (at follow-up start)	1.043	[1.028 - 1.057]	<0.001	1.039	[1.023 - 1.055]	<0.001	1.050	[1.036 - 1.065]	<0.001	1.044	[1.029 - 1.060]	<0.001
Age squared	1.000	[0.999 - 1.000]	<0.001	1.000	[0.999 - 1.000]	<0.001	1.000	[0.999 - 1.000]	<0.001	1.000	[1.000 - 1.000]	<0.001
Ethnicity, reference = White												
Asian	1.051	[1.001 - 1.104]	0.047	0.992	[0.951 - 1.035]	0.725	1.012	[0.972 - 1.054]	0.557	0.942	[0.891 - 0.995]	0.033
Black	1.086	[1.018 - 1.159]	0.012	0.980	[0.925 - 1.038]	0.489	1.002	[0.949 - 1.059]	0.937	1.011	[0.939 - 1.087]	0.778
Mix, other and unknown	0.919	[0.881 - 0.957]	<0.001	0.948	[0.915 - 0.982]	0.003	0.947	[0.916 - 0.980]	0.002	0.908	[0.867 - 0.950]	<0.001
Patient IMD 2010, reference = 1st quintile (least deprived)												
2nd quintile	0.989	[0.951 - 1.029]	0.590	0.964	[0.932 - 0.997]	0.032	0.974	[0.943 - 1.006]	0.108	0.982	[0.941 - 1.025]	0.404
3rd quintile	0.984	[0.945 - 1.025]	0.432	0.934	[0.902 - 0.968]	<0.001	0.961	[0.930 - 0.994]	0.020	0.991	[0.948 - 1.037]	0.705
4th quintile	0.975	[0.935 - 1.016]	0.231	0.965	[0.931 - 1.000]	0.050	0.966	[0.934 - 1.000]	0.048	0.978	[0.935 - 1.023]	0.336
5th quintile (most deprived)	0.960	[0.919 - 1.004]	0.073	0.921	[0.887 - 0.957]	<0.001	0.945	[0.911 - 0.980]	0.002	0.962	[0.917 - 1.010]	0.118
Missing	0.888	[0.629 - 1.255]	0.501	1.082	[0.839 - 1.395]	0.543	0.864	[0.664 - 1.124]	0.277	0.826	[0.565 - 1.208]	0.324
Diagnosis of SMI	1.032	[1.008 - 1.057]	0.009	1.054	[1.033 - 1.075]	<0.001	0.997	[0.978 - 1.016]	0.762	1.085	[1.058 - 1.113]	<0.001
Comorbidities												
Cardiovascular disease	1.040	[1.006 - 1.074]	0.020									
Hypertension	1.241	[1.213 - 1.269]	<0.001									
Dementia	0.650	[0.524 - 0.807]	<0.001	0.673	[0.551 - 0.821]	<0.001	0.756	[0.626 - 0.913]	0.004	0.678	[0.533 - 0.864]	0.002
Learning disability										1.265	[1.043 - 1.535]	0.017

Charlson index comorbidities (count)	1.025	[1.008 - 1.042]	0.003						1.016	[0.999 - 1.034]	0.062	
Medications												
Antihypertensive									1.057	[1.029 - 1.085]	<0.001	
Lipid lowering drugs			1.062	[1.040 - 1.085]	<0.001	1.025	[1.004 - 1.046]	0.018	1.034	[1.005 - 1.064]	0.019	
Antidiabetics						1.054	[1.030 - 1.079]	<0.001				
Length of follow-up (years)	1.179	[1.173 - 1.184]	<0.001	1.184	[1.179 - 1.189]	<0.001	1.167	[1.162 - 1.172]	<0.001	1.179	[1.173 - 1.185]	<0.001
Constant	0.462	[0.299 - 0.713]	<0.001	3.221	[1.729 - 6.003]	<0.001	1.542	[0.935 - 2.543]	0.090	0.370	[0.232 - 0.589]	<0.001
Financial year dummies	Yes			Yes			Yes		Yes			
Patients	9,938			9,951			9,425		9,961			
Case-control clusters	2,184			2,185			2,159		2,190			

Robust 95% CI in brackets.