

Appendix 8 (as supplied by the authors): Impact of the NHS Health Check stratified by individual risk levels pre-intervention using complete cases

Outcome & pre-intervention risk category		n	Pre-intervention	Post-intervention	Paired t-test	DID matching estimator (95%CI)	
			Mean (S.E.)	Mean (S.E.)	Diff (95%CI)	Crude DID (95%CI)	
SBP (mm Hg)	SBP/DBP <140/90						
	Attendees	9,403	122.4 (0.11)	126.3 (0.14)	3.88 (3.60, 4.16)	-0.35 (-0.69, -0.01)	-0.61 (-0.94, -0.28)
	Non-attendees	23,025	121.5 (0.07)	125.8 (0.09)	4.23 (4.05, 4.42)		
	SBP/DBP ≥140/90						
DBP (mm Hg)	SBP/DBP <140/90						
	Attendees	7,762	151.0 (0.15)	138.2 (0.15)	-12.7 (-13.1, -12.3)	-4.16 (-4.65, -3.67)	-4.00 (-4.49, -3.51)
	Non-attendees	10,601	146.5 (0.10)	137.9 (0.14)	-8.57 (-8.89, -8.25)		
	SBP/DBP ≥140/90						
Body mass index (kg/m²)	BMI <30 kg/m²						
	Attendees	9,403	75.5 (0.07)	76.7 (0.09)	1.10 (0.91, 1.29)	-0.47 (-0.70, -0.24)	-0.42 (-0.66, -0.18)
	Non-attendees	23,025	75.2 (0.05)	76.8 (0.05)	1.57 (1.45, 1.70)		
	BMI ≥30 kg/m²						
Total cholesterol (mmol/L)	TChol <5 mmol/L						
	Attendees	8,070	25.2 (0.03)	25.4 (0.03)	0.16 (0.12, 0.20)	-0.23 (-0.29, -0.18)	-0.19 (-0.23, -0.15)
	Non-attendees	10,707	24.6 (0.03)	25.0 (0.03)	0.40 (0.36, 0.44)		
	TChol ≥5 mmol/L						
	Attendees	4,402	34.6 (0.06)	34.1 (0.06)	-0.50 (-0.57, -0.42)	-0.29 (-0.41, -0.17)	-0.28 (-0.40, -0.16)
	Non-attendees	4,253	34.7 (0.06)	34.5 (0.07)	-0.20 (-0.29, -0.11)		
	TChol ≥5 mmol/L						
	Attendees	3,080	4.3 (0.008)	4.5 (0.01)	0.22 (0.20, 0.25)	-0.08 (-0.11, -0.04)	-0.07 (-0.09, -0.05)
	Non-attendees	3,207	4.3 (0.008)	4.6 (0.01)	0.31 (0.28, 0.33)		
	TChol ≥5 mmol/L						
	Attendees	9,119	6.1 (0.008)	5.6 (0.01)	-0.53 (-0.55, -0.50)	-0.21 (-0.17, -0.24)	-0.19 (-0.21, -0.17)
	Non-attendees	7,201	6.0 (0.009)	5.6 (0.01)	-0.32 (-0.34, -0.29)		

Notes: DID=difference-in-differences; Crude DID=difference in differences without matching; S.E.=standard error; CI=confidence interval ; SBP=systolic blood pressure; DBP=diastolic blood pressure.