

Appendix 5 (as supplied by the authors): Overall impact of the NHS Health Check on modelled CVD risk and CVD risk factors using complete case analysis

Outcome and group	n	Pre-intervention	Post-intervention	Paired t-test	Crude DID (95%CI)	DID matching estimator (95%CI)
QRISK2 (10-year % risk)						
Attendees	8,076	8.5 (0.07)	7.7 (0.06)	-0.84 (-0.89,-0.78)	0.03 (-0.08, 0.14)	-0.009 (-0.13, 0.11)
Non-attendees	2,476	9.5 (0.14)	8.7 (0.13)	-0.87 (-0.97,-0.76)		
Systolic BP (mm Hg)						
Attendees	17,165	135.3 (0.13)	131.7 (0.11)	-3.63 (-3.89,-3.37)	-3.83 (-4.13, -3.52)	-3.46 (-3.77, -3.15)
Non-attendees	33,626	129.4 (0.08)	129.6 (0.08)	0.20 (0.02,0.37)		
Diastolic BP (mm Hg)						
Attendees	17,165	81.9 (0.08)	79.1 (0.07)	-2.75 (-2.91, -2.59)	-2.34 (-2.54, -2.14)	-2.04 (-2.24, -1.84)
Non-attendees	33,626	78.7 (0.05)	78.3 (0.05)	-0.40 (-0.52, -0.29)		
BMI (kg/m²)						
Attendees	12,472	28.5 (0.05)	28.5 (0.05)	-0.07 (-0.10,-0.03)	-0.30 (-0.35, -0.24)	-0.27 (-0.31, -0.23)
Non-attendees	14,960	27.5 (0.04)	27.7 (0.04)	0.23 (0.19,0.26)		
TChol (mmol/L)						
Attendees	12,199	5.7 (0.01)	5.3 (0.009)	-0.33 (-0.35,-0.32)	-0.21 (-0.18, -0.23)	-0.20 (-0.22, -0.18)
Non-attendees	10,408	5.4 (0.01)	5.3 (0.01)	-0.12 (-0.14,-0.10)		

Notes: DID=difference-in-differences; Crude DID=difference in differences without matching; S.E.=standard error; CI=confidence interval ; BP=blood pressure; BMI=body mass index; TChol=total cholesterol; CVD=cardiovascular disease.