

Appendix 3 (as supplied by the authors): Overall impact of the NHS Health Check on vascular disease diagnosis (when patients were additionally matched for baseline systolic BP, cholesterol, BMI and smoking status) (N=138,788)

Type of diagnosis	n	Crude difference (95%CI)	Matching estimator (95%CI)	*Extensive matching estimator (95%CI)
Atrial Fibrillation				
Attendees	29,672	0.05 (0.02, 0.08)	0.02 (-0.02, 0.06)	0.02 (-0.02, 0.06)
Non-attendees	109,116			
Chronic Kidney Disease				
Attendees	29,672	0.23 (0.18, 0.28)	0.17 (0.11, 0.23)	0.16 (0.10, 0.22)
Non-attendees	109,116			
Coronary Heart Disease				
Attendees	29,672	0.10 (0.05, 0.15)	0.02 (-0.04, 0.08)	0.01 (-0.05, 0.07)
Non-attendees	109,116			
Familial Hypercholesterolemia				
Attendees	29,672	0.10 (0.07, 0.12)	0.09 (0.07, 0.11)	0.09 (0.07, 0.11)
Non-attendees	109,116			
Heart Failure				
Attendees	29,672	0.02 (0.005, 0.04)	0.01 (-0.01, 0.03)	0.01 (-0.01, 0.03)
Non-attendees	109,116			
Hypertension				
Attendees	29,672	3.31 (3.15, 3.46)	2.99 (2.77, 3.21)	2.75 (2.53, 2.97)
Non-attendees	109,116			
Peripheral Vascular Disease				
Attendees	29,672	0.04 (0.02, 0.06)	0.03 (0.01, 0.05)	0.03 (0.01, 0.05)
Non-attendees	109,116			
Stroke				
Attendees	29,672	-0.002 (-0.03, 0.02)	-0.03 (-0.05, -0.01)	-0.03 (-0.05, -0.01)
Non-attendees	109,116			
Transient Ischaemic Attack				
Attendees	29,672	0.02 (-0.0004, 0.04)	0.008 (-0.01, 0.03)	0.01 (-0.01, 0.03)
Non-attendees	109,116			
Type 2 Diabetes Mellitus				
Attendees	29,672	1.40 (1.30, 1.49)	1.31 (1.17, 1.45)	1.27 (1.13, 1.41)
Non-attendees	109,116			

Note: DID=difference-in-differences; Crude DID=difference in differences without matching; CI=confidence interval; BP=blood pressure; BMI=body mass index; TChol=total cholesterol. *The extensive matching model further included systolic BP, BMI, TChol and smoking status in the matching process.