

SUPPLEMENTARY DATA

Supplementary Table 1. Sensitivity analysis showing hazard ratios and 95% CI for each method.

Imputation Type	Healthy Lifestyle Score	Model 1	Model 2	Model 3
Multiple Imputation*	3 or 4	1	1	1
	2	1.36 (0.62 to 3.00)	1.49 (0.67 to 3.34)	1.52 (0.67 to 3.43)
	1	2.72 (1.14 to 6.53)	2.95 (1.19 to 7.31)	2.92 (1.14 to 7.50)
	0	3.02 (0.97 to 9.40)	3.30 (1.01 to 10.71)	3.29 (01.0 to 10.82)
Model 1 includes Healthy Lifestyle Score as exposure adjusted for age, sex and study group. Model 2 additionally adjusted for social class, occupation and baseline health behaviours. Model 3, as for Model 2 and additionally adjusting for self-reported prescription of cardio-protective medication at 1 year. *Missing health behaviour- and drug prescription- data imputed using ordinal logistic and logistic regression, respectively				

List of ADDITION-Cambridge study team and participating general practices: The ADDITION-Cambridge study team has included, apart from the authors, Justin B Echouffo-Tcheugui, Stephen J Sharp, Lincoln A Sargeant, Kate M Williams, Toby Prevost, Ann Louise Kinmonth, Rebecca Abbott, Amanda Adler, Judith Argles, Gisela Baker, Rebecca Bale, Ros Barling, Daniel Barnes, Mark Betts, Sue Boase, Clare Boothby, Sandra Bovan, Ryan Butler, James Brimbicombe, Parinya Chamnan, Sean Dinneen, Pesheya Doubleday, Sue Emms, Mark Evans, Tom Fanshawe, Francis Finucane, Philippa Gash, Julie Grant, Wendy Hardeman, Robert Henderson, Susie Hennings, Garry King, Georgina Lewis, Christine May Hall, Joanna Mitchell, Richard Parker, Nicola Popplewell, Emanuella De Lucia Rolfe, Megan Smith, Stephen Sutton, Liz White and Fiona Whittle.

ADDITION-Cambridge practices: Acorn Community Health Centre, Arbury Road Surgery, Ashwell Surgery, Birchwood Surgery, Bridge Street Medical Centre, Brookfields & Cherry Hinton, Broomfields, Buckden Surgery, Burwell Surgery, Cambridge Surgery, Cedar House Surgery, Charles Hicks Centre, Chequers Lane Surgery, Clarkson Surgery, Cornerstone Practice, Cornford House Surgery, Cottenham Surgery, Cromwell Place Surgery, Dr Smith and Partner (Cambridge), East Field Surgery, Ely Surgery, Freshwell Health Centre, George Clare Surgery, Great Staughton Surgery, Harston Surgery, Health Centre (Eaton Socon), Hilton House, John Tasker House, Lensfield Medical Practice, Manea Surgery, Mercheford House, Milton Surgery, Nene Valley Medical Practice, Nevells Road Surgery, New Roysia Surgery, Northcote House Surgery, Nuffield Road Medical Centre, Orchard Surgery, Orchard House Surgery, Orton Medical Practice, Park Medical Centre, Paston Health Centre, Peterborough Surgery, Petersfield Medical Practice, Prior's Field Surgery, Queen Edith's Medical Practice, Queen Street Surgery, Rainbow Surgery, Ramsey Health Centre, Riverside Practice, Rosalind Franklin House, South Street Surgery, Thaxted Surgery, The Health Centre (Bury St Edmunds), The Old Exchange, The Surgery Stanground, Townley Close Health Centre, Trumpington Street Medical Practice, Werrington Health Centre, York Street Medical Practice.