Supplementary Table 1. Absolute values of bivariate correlations (Spearman p) between features where at least one correlation is equal to or greater than 0.9. Features in bold are the ones retained and fed along with other features as input to GBDT models, while features in grey colour are the ones dropped from input to GBDT models. There were two known proxy features (x34 - year of birth and x21003 - age when attended assessment centre) of age (x21022 - age at recruitment) which were not included correlation analysis.

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	FEATURE	(Interpolation of the process of the
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		Reart Treat
x1249 x20160	Past tobacco smoking  Ever smoked	0.93 0.03 0.05 0.05 0.03 0.04 0.05 0.05 0.03 0.04 0.05 0.05 0.03 0.04 0.05 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.03 0.05 0.05
x21001 x21002	Body mass index (BMI)	0.03 0.00 0.89 0.89 0.89 0.89 0.89 0.89 0.89
x21002 x23098	Weight Weight	0.5 0.2 0.89 1.00 0.84 0.95 0.82 0.89 0.90 0.56 0.55 0.82 0.82 0.89 0.90 0.56 0.55 0.55 0.57 0.82 0.82 0.89 0.90 0.56 0.55 0.55 0.57 0.82 0.82 0.89 0.90 0.56 0.55 0.55 0.47 0.48 0.78 0.94 0.88 0.88 0.82 0.93 0.74 0.01 0.02 0.19 0.05 0.03 0.05 0.06 0.08 0.04 0.02 0.19 0.05 0.03 0.06 0.04 0.07 0.15 0.10 0.10 0.11 0.00 0.00 0.00 0.00
x23099 x23100	,	0.03 0.0 0.08 0.84 0.84 0.84 0.96 0.41 0.41 0.88 0.55 0.22 0.27 0.26 0.17 0.16 0.93 0.93 0.48 0.48 0.94 0.93 0.54 0.54 0.98 0.96 0.93 0.54 0.54 0.98 0.93 0.54 0.54 0.98 0.93 0.54 0.54 0.98 0.93 0.54 0.54 0.98 0.93 0.54 0.54 0.98 0.93 0.54 0.54 0.98 0.93 0.54 0.54 0.98 0.93 0.54 0.54 0.98 0.98 0.98 0.98 0.98 0.98 0.98 0.98
x23101	Whole body fat-free mass	0.05 0.04 0.61 0.82 0.82 0.41 0.62 1.00 0.61 0.98 0.76 0.68 0.69 0.64 0.67 0.37 0.65 0.94 0.94 0.37 0.65 0.94 0.94 0.37 0.65 0.94 0.94 0.37 0.65 0.94 0.94 0.37 0.65 0.95 0.95 0.95 0.95 0.95 0.95 0.95 0.9
x23102 x23104		0.5 0.4 0.61 0.82 0.82 0.41 0.63 1.00 0.61 0.82 0.82 0.41 0.63 1.00 0.61 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.89
x23105 x23106		0.5 0.3 0.71 0.90 0.90 0.55 0.74 0.98 0.98 0.71 0.90 0.90 0.55 0.74 0.98 0.98 0.71 0.72 0.66 0.67 0.61 0.62 0.50 0.75 0.95 0.95 0.50 0.75 0.95 0.95 0.50 0.75 0.96 0.96 0.58 0.74 0.98 0.93 0.73 0.73 0.12 0.30 0.75 0.94 0.02 0.02 0.01 0.01 0.01 0.02 0.04 0.02 0.05 0.04 0.04 0.02 0.05 0.04 0.04 0.02 0.05 0.04 0.04 0.02 0.05 0.04 0.04 0.02 0.05 0.04 0.04 0.02 0.05 0.04 0.04 0.02 0.05 0.04 0.04 0.02 0.05 0.04 0.04 0.05 0.04 0.05 0.05 0.05
x23107	Impedance of leg (right)	0.01 0.00 0.05 0.05 0.05 0.05 0.05 0.05
x23108 x23109	Impedance of leg (left) Impedance of arm (right)	0.01 0.00 0.57 0.55 0.55 0.66 0.41 0.69 0.70 0.57 0.55 0.56 0.64 0.69 0.70 0.67 0.66 0.94 0.06 0.05 0.06 0.09 0.06 0.05 0.06 0.00 0.00 0.05 0.06 0.00 0.00
x23110	Impedance of arm (left)	0.4 0.02 0.52 0.48 0.48 0.16 0.32 0.67 0.67 0.52 0.68 0.48 0.16 0.32 0.67 0.67 0.52 0.62 0.91 0.62 0.02 0.03 0.03 0.05 0.05 0.05 0.05 0.05 0.05
x23111 x23112		104 0.01 0.95 0.95 0.95 0.95 0.95 0.95 0.95 0.95
x23113 x23114	Leg fat-free mass (right) Leg predicted mass (right)	0.04 0.02 0.64 0.83 0.83 0.48 0.67 0.94 0.94 0.64 0.95 0.68 0.77 0.74 0.52 0.52 0.36 0.65 0.98 0.98 0.53 0.68 0.85 0.85 0.85 0.86 0.86 0.86 0.86 0.86 0.86 0.86 0.86
x23115	Leg fat percentage (left)	0.4 0.00 0.90 0.78 0.78 0.78 0.94 0.90 0.37 0.88 0.90 0.50 0.31 0.24 0.22 0.33 0.33 0.90 0.50 0.31 0.24 0.22 0.33 0.33 0.98 0.92 0.38 0.38 0.92 0.38 0.38 0.92 0.38 0.38 0.92 0.38 0.38 0.93 0.40 0.54 0.54 0.86 0.85 0.30 0.30 0.32 0.27 0.25 0.09 0.05 0.04 0.03 0.08 0.13 0.08 0.10 0.05 0.26 0.09 0.04 0.25 0.04 0.03 0.07 0.03 0.11 0.20 0.18 0.18 0.15 0.00 0.02 0.11 0.20 0.18 0.18 0.15 0.00 0.02 0.11 0.20 0.18 0.18 0.15 0.00 0.02 0.11 0.20 0.18 0.18 0.15 0.05 0.25 0.25 0.25 0.25 0.25 0.25 0.2
x23116 x23117		0.04 0.01 0.09 0.09 0.09 0.09 0.09 0.09 0.09
x23118 x23119		0.04 0.02 0.67 0.86 0.86 0.51 0.70 0.95 0.95 0.95 0.95 0.95 0.97 0.95 0.95 0.95 0.95 0.95 0.95 0.95 0.95
x23119 x23120	Arm fat percentage (right) Arm fat mass (right)	0.02 0.01 0.04 0.83 0.83 0.95 0.93 0.45 0.46 0.94 0.83 0.83 0.95 0.93 0.45 0.46 0.94 0.83 0.83 0.95 0.93 0.45 0.46 0.94 0.83 0.83 0.95 0.93 0.45 0.46 0.94 0.83 0.83 0.95 0.93 0.45 0.46 0.94 0.84 0.95 0.95 0.95 0.95 0.95 0.95 0.95 0.95
x23121 x23122	Arm fat-free mass (right) Arm predicted mass (right)	0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
x23123	Arm fat percentage (left)	0.02 0.01 0.94 0.84 0.84 0.96 0.94 0.85 0.04 0.84 0.96 0.94 0.85 0.06 0.94 0.85 0.06 0.94 0.85 0.06 0.94 0.85 0.06 0.94 0.85 0.06 0.94 0.85 0.06 0.94 0.85 0.06 0.94 0.08 0.04 0.07 0.07 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.04 0.03 0.05 0.08 0.04 0.05 0.05 0.03 0.08 0.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05
x23124 x23125		0.04 0.00 0.07 0.04 0.09 0.09 0.05 0.05 0.05 0.05 0.05 0.05
x23126	Arm predicted mass (left)	0.6 0.0 4 0.70 0.88 0.88 0.54 0.72 0.95 0.95 0.70 0.96 0.73 0.60 0.60 0.67 0.71 0.54 0.76 0.87 0.87 0.54 0.76 0.89 0.89 0.55 0.72 0.99 0.50 0.68 0.93 0.93 0.12 0.14 0.04 0.02 0.04 0.04 0.02 0.04 0.02 0.04 0.02 0.04 0.05 0.08 0.06 0.06 0.07 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.04 0.02 0.04 0.02 0.04 0.02 0.04 0.02 0.04 0.05 0.08 0.06 0.06 0.07 0.01 0.01 0.01 0.01 0.01 0.01 0.01
x23127 x23128	Trunk fat percentage Trunk fat mass	0.03 0.00 0.81 0.82 0.82 0.98 0.94 0.39 0.39 0.81 0.52 0.12 0.23 0.21 0.07 0.05 0.85 0.87 0.48 0.48 0.86 0.87 0.51 0.51 0.90 0.88 0.40 0.40 0.91 0.88 0.50 0.50 0.97 0.27 0.27 0.17 0.14 0.20 0.07 0.08 0.03 0.05 0.06 0.09 0.02 0.06 0.11 0.07 0.07 0.03 0.20 0.05 0.03 0.06 0.02 0.09 0.17 0.14 0.15 0.13 0.01 0.01 0.01 0.01 0.01 0.01 0.01
x23129 x23130		0.6 0.4 0.52 0.74 0.74 0.30 0.53 0.98 0.97 0.52 0.94 0.76 0.60 0.63 0.67 0.72 0.31 0.57 0.86 0.86 0.30 0.56 0.87 0.87 0.86 0.86 0.30 0.56 0.87 0.87 0.84 0.89 0.93 0.34 0.53 0.93 0.34 0.35 0.34 0.35 0.34 0.34 0.34 0.34 0.34 0.34 0.34 0.34
x3062	Forced vital capacity (FVC)	0.03 0.04 0.23 0.01 0.01 0.23 0.13 0.22 0.21 0.23 0.17 0.04 0.03 0.03 0.04 0.03 0.03 0.04 0.03 0.03
x3063 x20002 1065	Forced expiratory volume in 1-second (FEV1)  Non-cancer illness code, self-reported - hypertension	0.01 0.01 0.18 0.02 0.02 0.19 0.10 0.23 0.23 0.18 0.20 0.01 0.00 0.00 0.01 0.00 0.00 0.01 0.01 0.07 0.13 0.22 0.22 0.27 0.13 0.21 0.21 0.23 0.22 0.27 0.13 0.21 0.22 0.27 0.13 0.21 0.23 0.22 0.27 0.13 0.21 0.23 0.22 0.29 0.10 0.10 0.12 0.09 0.06 0.05 0.02 0.09 0.05 0.18 0.04 0.02 0.09 0.05 0.18 0.04 0.02 0.00 0.04 0.12 0.11 0.06 0.07 0.06 0.01 0.05 0.05 0.01 0.10 0.11 0.12 0.13 0.01 0.12 0.09 0.06 0.09 0.05 0.12 0.09 0.05 0.18 0.14 0.19 0.19 0.23 0.22 0.09 0.10 0.24 0.12 0.15 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13
x200021074 x200021075	Non-cancer illness code, self-reported - angina  Non-cancer illness code, self-reported - heart attack/myocardial infarction	0.02 $0.01$ $0.08$ $0.05$ $0.05$ $0.08$ $0.07$ $0.01$ $0.01$ $0.08$ $0.02$ $0.04$ $0.04$ $0.04$ $0.04$ $0.04$ $0.04$ $0.04$ $0.09$ $0.07$ $0.02$ $0.02$ $0.08$ $0.07$ $0.02$ $0.02$ $0.08$ $0.07$ $0.03$ $0.03$ $0.07$ $0.05$ $0.08$ $0.09$
x200021081	Non-cancer illness code, self-reported - stroke	0.1 0.1 0.0 4 0.3 0.3 0.0 4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
x200021093 x20002 1094		$0.00 \ 0.00 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.03 \ 0.02 \ 0.02 \ 0.02 \ 0.03 \ $
x200021111	Non-cancer illness code, self-reported - asthma	0.1 0.1 0.07 0.06 0.06 0.07 0.07 0.04 0.04 0.07 0.07 0.04 0.04
x200031140868226 x200031140883066	Treatment/medication code - aspirin Treatment/medication code - insulin product	$0.3 \ 0.0 $
x200041355 x200041357	Operation code - bilateral oophorectomy Operation code - hysterectomy	0.01 0.00 0.06 0.04 0.04 0.07 0.06 0.00 0.06 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02
x2834	Bilateral oophorectomy (both ovaries removed)	0.01 0.00 0.06 0.05 0.05 0.07 0.06 0.00 0.00 0.06 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02
x3591 x6150 1	Ever had hysterectomy (womb removed)  Vascular/heart problems diagnosed by doctor - heart attack	0.01 $0.00$ $0.07$ $0.04$ $0.08$ $0.06$ $0.02$ $0.02$ $0.07$ $0.01$ $0.02$ $0.02$ $0.07$ $0.01$ $0.02$ $0.02$ $0.02$ $0.07$ $0.01$ $0.05$ $0.09$ $0.05$ $0.08$ $0.08$ $0.04$ $0.02$ $0.09$ $0.08$ $0.06$ $0.03$ $0.09$ $0.06$ $0.03$ $0.09$ $0.06$ $0.03$ $0.09$ $0.06$ $0.03$ $0.09$ $0.06$ $0.09$
x6150100	Vascular/heart problems diagnosed by doctor - none	0.0 0.0 0.0 0.5 0.19 0.19 0.24 0.22 0.09 0.09 0.25 0.12 0.15 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13
x61502 x61503	Vascular/heart problems diagnosed by doctor - angina Vascular/heart problems diagnosed by doctor - stroke	1012 0.01 0.08 0.04 0.03 0.03 0.04 0.03 0.00 0.04 0.01 0.00 0.04 0.03 0.03 0.04 0.03 0.00 0.04 0.01 0.02 0.02 0.02 0.01 0.01 0.04 0.04 0.04 0.01 0.01 0.05 0.05 0.07 0.07 0.05 0.07 0.05 0.07 0.05 0.07 0.05 0.07 0.05 0.05
x61504 x61525	Vascular/heart problems diagnosed by doctor - high blood pressure	0.01 $0.01$ $0.02$ $0.19$ $0.19$ $0.02$ $0.02$ $0.01$ $0.01$ $0.02$ $0.02$ $0.01$ $0.02$ $0.01$ $0.03$ $0.02$ $0.03$ $0.07$ $0.02$ $0.01$ $0.01$ $0.03$ $0.02$ $0.03$ $0.07$ $0.02$ $0.01$ $0.03$ $0.02$ $0.03$ $0.07$ $0.02$ $0.01$ $0.01$ $0.03$ $0.02$ $0.03$ $0.07$ $0.02$ $0.01$ $0.01$ $0.01$ $0.01$ $0.02$ $0.01$ $0.01$ $0.01$ $0.02$ $0.02$ $0.03$ $0.03$ $0.02$ $0.03$ $0.07$ $0.02$ $0.03$ $0.07$ $0.02$ $0.03$ $0.07$ $0.02$ $0.01$ $0.08$ $0.08$ $0.09$ $0.01$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.02$ $0.03$ $0.03$ $0.03$ $0.04$ $0.04$ $0.05$
x61527		0.00 0.00 0.03 0.03 0.03 0.03 0.03 0.03
x61528 x6153 3		0.01 $0.01$ $0.07$ $0.06$ $0.06$ $0.07$ $0.07$ $0.06$ $0.06$ $0.07$ $0.07$ $0.09$ $0.01$ $0.01$ $0.02$ $0.02$ $0.01$ $0.07$ $0.05$ $0.09$ $0.02$ $0.01$ $0.07$ $0.07$ $0.06$ $0.09$
x6154_1 x30000		0.03 0.02 0.10 0.07 0.07 0.10 0.09 0.03 0.03 0.10 0.04 0.06 0.06 0.06 0.06 0.06 0.06 0.0
x30000 x30020		0.01 0.03 0.11 0.10 0.10 0.15 0.15 0.13 0.19 0.17 0.06 0.00 0.00 0.01 0.01 0.03 0.01 0.06 0.06 0.04 0.03 0.18 0.14 0.02 0.02 0.18 0.14 0.01 0.01 0.11 0.15 0.05 0.05 0.11 0.11
x30030 x30140	Haematocrit percentage Neutrophil count	0.00 0.02 0.12 0.10 0.10 0.16 0.14 0.01 0.01 0.12 0.03 0.01 0.05 0.05 0.06 0.05 0.06 0.05 0.06 0.05 0.04 0.03 0.08 0.14 0.01 0.01 0.02 0.03 0.04 0.03 0.08 0.00 0.01 0.00 0.00 0.01 0.01 0.02 0.02
x30170	Nucleated red blood cell count	0.01 0.01 0.00 0.00 0.00 0.00 0.01 0.01
x30180 x30200		0.02 $0.01$ $0.02$ $0.00$ $0.00$ $0.02$ $0.01$ $0.01$ $0.02$ $0.01$ $0.01$ $0.02$ $0.02$ $0.01$ $0.01$ $0.02$ $0.02$ $0.01$ $0.01$ $0.02$ $0.02$ $0.01$
x30230 x30240	Nucleated red blood cell percentage	0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.00
x30240 x30250	Reticulocyte count	0.03 0.01 0.38 0.34 0.34 0.37 0.37 0.20 0.20 0.38 0.25 0.19 0.16 0.16 0.18 0.18 0.18 0.38 0.38 0.21 0.21 0.38 0.38 0.22 0.22 0.37 0.38 0.22 0.22 0.22 0.37 0.38 0.22 0.22 0.22 0.37 0.38 0.22 0.22 0.22 0.37 0.38 0.22 0.22 0.22 0.
x30290 x30300	High light scatter reticulocyte percentage	0.04 0.02 0.04 0.03 5 0.35 0.37 0.38 0.22 0.22 0.40 0.26 0.20 0.18 0.18 0.19 0.19 0.18 0.18 0.19 0.19 0.03 0.03 0.03 0.04 0.07 0.05 0.03 0.03 0.04 0.07 0.05 0.03 0.03 0.05 0.03 0.05 0.04 0.08 0.18 0.18 0.19 0.19 0.08 0.05 0.05 0.05 0.05 0.05 0.05 0.05
x30630	Apolipoprotein A	0.05 0.03 0.28 0.26 0.26 0.23 0.26 0.22 0.22 0.28 0.25 0.19 0.16 0.16 0.17 0.18 0.23 0.27 0.22 0.22 0.23 0.27 0.23 0.23 0.25 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.23 0.26 0.27 0.23 0.24 0.20 0.30 0.01 0.01 0.01 0.03 0.02 0.01 0.01 0.01 0.02 0.03 0.12 0.02 0.03 0.11 0.00 0.02 0.03 0.11 0.00 0.02 0.03 0.11 0.00 0.02 0.03 0.11 0.00 0.02 0.03 0.11 0.00 0.02 0.05 0.05
x30640 x30690		0.01 0.01 0.16 0.11 0.11 0.20 0.17 0.01 0.01 0.01 0.01 0.01 0.01 0.0
x30760		0.03 0.02 0.37 0.34 0.34 0.33 0.35 0.26 0.26 0.37 0.29 0.23 0.19 0.19 0.12 0.22 0.23 0.34 0.37 0.26 0.26 0.34 0.37 0.27 0.25 0.35 0.37 0.26 0.26 0.35 0.37 0.29 0.29 0.29 0.32 0.23 0.29 0.09 0.06 0.12 0.07 0.05 0.03 0.02 0.02 0.07 0.03 0.01 0.04 0.02 0.03 0.05 0.13 0.07 0.03 0.01 0.12 0.02 0.03 0.07 0.19 0.04 0.04 0.10 0.03 0.05 0.13 0.07 0.19 0.04 0.04 0.16 0.01 0.03 0.03 0.01 0.11 0.24 0.23 0.24 0.99 0.80 0.28 0.03 0.04 0.08 0.05 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19
x30780	LUCUTELL	1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.

Field ID	Field Description	Hierarchical Category
•	rsonal characteristics	
	1. Sex 2. Month of birth	Population characteristics > Baseline characteristics  Population characteristics > Baseline characteristics
	4 UK Biobank assessment centre	UK Biobank Assessment Centre > Recruitment > Reception
129	P Place of birth in UK - north co-ordinate	UK Biobank Assessment Centre > Verbal interview > Early life factors
130	Place of birth in UK - east co-ordinate	UK Biobank Assessment Centre > Verbal interview > Early life factors
	7 Country of birth (UK/elsewhere)	UK Biobank Assessment Centre > Touchscreen > Early life factors
	7 Handedness (chirality/laterality)	UK Biobank Assessment Centre > Touchscreen > Early life factors
	7 Skin colour 7 Ease of skin tanning	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure  UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure
	7 Hair colour (natural, before greying)	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure
	7 Part of a multiple birth	UK Biobank Assessment Centre > Touchscreen > Early life factors
21000	) Ethnic background	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Ethnicity
	2 Age at recruitment	Population characteristics > Baseline characteristics
B Female-specific	factors  Feer had breast cancer screening / mammogram	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
	4 Ever had cervical smear test	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
2704	1 Years since last cervical smear test	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
2714	4 Age when periods started (menarche)	${\tt UK\ Biobank\ Assessment\ Centre > Touchscreen > Sex-specific\ factors > Female-specific\ factors}$
	4 Had menopause	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
	1 Number of live births	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
	Birth weight of first child     Ever had stillbirth, spontaneous miscarriage or termination	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors  UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
	Ever taken oral contraceptive pill	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors  UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
	4 Age started oral contraceptive pill	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
2804	4 Age when last used oral contraceptive pill	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
	Ever used hormone-replacement therapy (HRT)	UK Biobank Assessment Centre > Touchscreen > Sex-specific factors > Female-specific factors
C - Sociodemogra	phics  Townsend deprivation index at recruitment	Population characteristics > Baseline characteristics
	Type of accommodation lived in	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household
	O Own or rent accommodation lived in	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household
699	9 Length of time at current address	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household
709	9 Number in household	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household
	8 Number of vehicles in household	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household
	Average total household income before tax     Adopted as a child	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household  UK Biobank Assessment Centre > Touchscreen > Early life factors
	3 Qualifications	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Education
6139	Gas or solid-fuel cooking/heating	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household
614:	1 How are people in household related to participant	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Household
	2 Current employment status	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Employment
D - Lifestyle and	5 Attendance/disability/mobility allowance	UK Biobank Assessment Centre > Touchscreen > Sociodemographics > Other sociodemographic factors
	1 Number of days/week walked 10+ minutes	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
874	1 Duration of walks	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	Number of days/week of moderate physical activity 10+ minutes	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	Duration of moderate activity     Number of days (used of viscous physical activity 10), minutes.	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	<ul> <li>Number of days/week of vigorous physical activity 10+ minutes</li> <li>Usual walking pace</li> </ul>	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity  UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	B Frequency of stair climbing in last 4 weeks	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	1 Frequency of walking for pleasure in last 4 weeks	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
98:	1 Duration walking for pleasure	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	Time spend outdoors in summer	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure
	D Time spent outdoors in winter D Time spent watching television (TV)	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure  UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	Time spent watching television (17)  Time spent using computer	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
	D Drive faster than motorway speed limit	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
1239	O Current tobacco smoking	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Smoking
	9 Smoking/smokers in household	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Smoking
	9 Exposure to tobacco smoke at home	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Smoking
	Exposure to tobacco smoke outside home     Cooked vegetable intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Smoking UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	9 Salad / raw vegetable intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	9 Fresh fruit intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
1319	Dried fruit intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	9 Oily fish intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	9 Non-oily fish intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	9 Processed meat intake 9 Poultry intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet  UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	B Beef intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
1379	9 Lamb/mutton intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	9 Pork intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	3 Cheese intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	8 Milk type used	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	3 Spread type 3 Bread intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet  UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	B Bread type	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	3 Cereal intake	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
	3 Cereal type	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
1478	3 Salt added to food	UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet

UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet

1478 Salt added to food

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1488 Tea intake
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
            1498 Coffee intake
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
            1508 Coffee type
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
            1518 Hot drink temperature
            1528 Water intake
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
            1538 Major dietary changes in the last 5 years
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
            1548 Variation in diet
            1558 Alcohol intake frequency.
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Alcohol
            1628 Alcohol intake versus 10 years previously
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Alcohol
            1677 Breastfed as a baby
                                                                                                                      UK Biobank Assessment Centre > Touchscreen > Early life factors
            1737 Childhood sunburn occasions
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure
            1757 Facial ageing
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure
            1787 Maternal smoking around birth
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Early life factors
            2267 Use of sun/uv protection
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure
            2277 Frequency of solarium/sunlamp use
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Sun exposure
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Diet
            6144 Never eat eggs, dairy, wheat, sugar
            6155 Vitamin and mineral supplements
                                                                                                                      UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medication
            6162 Types of transport used (excluding work)
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
            6164 Types of physical activity in last 4 weeks
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Physical activity
            6179 Mineral and other dietary supplements
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medication
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Smoking
           20117 Alcohol drinker status
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Alcohol
           20160 Ever smoked
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Lifestyle and environment > Smoking
E - Cognitive and psychosocial factors
                                                                                                                       UK Biobank Assessment Centre > Cognitive function > Pairs matching
             398 Number of correct matches in round
             399 Number of incorrect matches in round
                                                                                                                      UK Biobank Assessment Centre > Cognitive function > Pairs matching
             400 Time to complete round
                                                                                                                       UK Biobank Assessment Centre > Cognitive function > Pairs matching
             403 Number of times snap-button pressed
                                                                                                                       UK Biobank Assessment Centre > Cognitive function > Reaction time
             404 Duration to first press of snap-button in each round
                                                                                                                       UK Biobank Assessment Centre > Cognitive function > Reaction time
           20023 Mean time to correctly identify matches
                                                                                                                       UK Biobank Assessment Centre > Cognitive function > Reaction time
            1920 Mood swings
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            1930 Miserableness
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            1940 Irritability
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            1950 Sensitivity / hurt feelings
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            1960 Fed-up feelings
                                                                                                                      UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            1970 Nervous feelings
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            1980 Worrier / anxious feelings
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            1990 Tense / 'highly strung'
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2000 Worry too long after embarrassment
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2010 Suffer from 'nerves'
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2020 Loneliness, isolation
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2030 Guilty feelings
                                                                                                                      UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2040 Risk taking
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2050 Frequency of depressed mood in last 2 weeks
                                                                                                                       LIK Richank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2060 Frequency of unenthusiasm / disinterest in last 2 weeks
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2070 Frequency of tenseness / restlessness in last 2 weeks
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2080 Frequency of tiredness / lethargy in last 2 weeks
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2090 Seen doctor (GP) for nerves, anxiety, tension or depression
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            2100 Seen a psychiatrist for nerves, anxiety, tension or depression
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
            6145 Illness, injury, bereavement, stress in last 2 years
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
           20127 Neuroticism score
                                                                                                                      UK Biobank Assessment Centre > Touchscreen > Psychosocial factors > Mental health
F - Physical measurements
              21 Weight method
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Body size measures
              23 Spirometry method
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Spirometry
              46 Hand grip strength (left)
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Hand grip strength
              47 Hand grip strength (right)
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Hand grip strength
              48 Waist circumference
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Body size measures
              49 Hip circumference
                                                                                                                      UK Biobank Assessment Centre > Physical measures > Anthropometry > Body size measures
              50 Standing height
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Body size measures
             102 Pulse rate, automated reading
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Blood pressure
             120 Birth weight known
                                                                                                                       UK Biobank Assessment Centre > Verbal interview > Early life factors
            1687 Comparative body size at age 10
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Early life factors
            1697 Comparative height size at age 10
                                                                                                                       UK Biobank Assessment Centre > Touchscreen > Early life factors
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Spirometry
            3062 Forced vital capacity (FVC)
            3064 Peak expiratory flow (PEF)
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Spirometry
            3088 Contra-indications for spirometry
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Spirometry
            3089 Caffeine drink within last hour
                                                                                                                      UK Biobank Assessment Centre > Physical measures > Spirometry
            3090 Used an inhaler for chest within last hour
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Spirometry
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Spirometry
            3137 Number of measurements made
            4079 Diastolic blood pressure, automated reading
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Blood pressure
            4080 Systolic blood pressure, automated reading
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Blood pressure
           20015 Sitting height
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Body size measures
           21001 Body mass index (BMI)
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Body size measures
           21002 Weight
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Body size measures
           23099 Body fat percentage
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Impedance measures
           23101 Whole body fat-free mass
                                                                                                                      UK Biobank Assessment Centre > Physical measures > Anthropometry > Impedance measures
           23102 Whole body water mass
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Impedance measures
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Impedance measures
           23107 Impedance of leg (right)
           23110 Impedance of arm (left)
                                                                                                                       UK Biobank Assessment Centre > Physical measures > Anthropometry > Impedance measures
              87 Non-cancer illness year/age first occurred
                                                                                                                       UK Biobank Assessment Centre > Verbal interview > Medical conditions
              92 Operation year/age first occurred
                                                                                                                       UK Biobank Assessment Centre > Verbal interview > Operations
             134 Number of self-reported cancers
                                                                                                                       UK Biobank Assessment Centre > Verbal interview > Medical conditions
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135 Number of self-reported non-cancer illnesses UK Biobank Assessment Centre > Verbal interview > Medical conditions 136 Number of operations, self-reported UK Biobank Assessment Centre > Verbal interview > Operations 137 Number of treatments/medications taken LIK Rinhank Assessment Centre > Verhal interview > Medications 1797 Father still alive UK Biobank Assessment Centre > Touchscreen > Family history 1807 Father's age at death UK Biobank Assessment Centre > Touchscreen > Family history 1835 Mother still alive UK Biobank Assessment Centre > Touchscreen > Family history 1873 Number of full brothers UK Biobank Assessment Centre > Touchscreen > Family history 1883 Number of full sisters UK Biobank Assessment Centre > Touchscreen > Family history UK Biobank Assessment Centre > Touchscreen > Health and medical history > General health 2178 Overall health rating 2188 Long-standing illness, disability or infirmity UK Biobank Assessment Centre > Touchscreen > Health and medical history > General health 2207 Wears glasses or contact lenses UK Biobank Assessment Centre > Touchscreen > Health and medical history > Eyesight 2217 Age started wearing glasses or contact lenses UK Biobank Assessment Centre > Touchscreen > Health and medical history > Eyesight 2227 Other eye problems UK Biobank Assessment Centre > Touchscreen > Health and medical history > Eyesight 2247 Hearing difficulty/problems UK Biobank Assessment Centre > Touchscreen > Health and medical history > Hearing 2257 Hearing difficulty/problems with background noise UK Biobank Assessment Centre > Touchscreen > Health and medical history > Hearing UK Biobank Assessment Centre > Touchscreen > Health and medical history > General health 2296 Falls in the last year 2306 Weight change compared with 1 year ago UK Biobank Assessment Centre > Touchscreen > Health and medical history > General health UK Biobank Assessment Centre > Touchscreen > Health and medical history > Breathing 2316 Wheeze or whistling in the chest in last year LIK Biohank Assessment Centre > Touchscreen > Health and medical history > Chest pain 2335 Chest pain or discomfort 2345 Ever had bowel cancer screening UK Biobank Assessment Centre > Touchscreen > Health and medical history > Cancer screening 2443 Diabetes diagnosed by docto UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medical conditions 2453 Cancer diagnosed by doctor UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medical conditions 2463 Fractured/broken bones in last 5 years UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medical conditions UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medical conditions 2473 Other serious medical condition/disability diagnosed by doctor 2492 Taking other prescription medications UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medication 2844 Had other major operations UK Biobank Assessment Centre > Touchscreen > Health and medical history > Operations 3079 Pace-maker UK Biobank Assessment Centre > Verbal interview > Operations 3140 Pregnant LIK Righank Assessment Centre > Verhal interview > Medical conditions UK Biobank Assessment Centre > Touchscreen > Health and medical history > Eyesight 6147 Reason for glasses/contact lenses UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medical conditions 6151 Fractured bone site(s) 6152 Blood clot, DVT, bronchitis, emphysema, asthma, rhinitis, eczema, allergy diagnosed by doctor UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medical conditions UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medication 6153 Medication for cholesterol, blood pressure, diabetes, or take exogenous hormones 6154 Medication for pain relief, constination, hearthurn UK Biobank Assessment Centre > Touchscreen > Health and medical history > Medication 6159 Pain type(s) experienced in last month UK Biobank Assessment Centre > Touchscreen > Health and medical history > Pain 20001 Cancer code, self-reported UK Biobank Assessment Centre > Verbal interview > Medical conditions 20002 Non-cancer illness code, self-reported UK Biobank Assessment Centre > Verbal interview > Medical conditions 20003 Treatment/medication code UK Biobank Assessment Centre > Verbal interview > Medications 20004 Operation code UK Biobank Assessment Centre > Verbal interview > Operations 20008 Interpolated Year when non-cancer illness first diagnosed UK Biobank Assessment Centre > Verbal interview > Medical conditions 20009 Interpolated Age of participant when non-cancer illness first diagnosed UK Biobank Assessment Centre > Verbal interview > Medical conditions 20010 Interpolated Year when operation took place UK Biobank Assessment Centre > Verbal interview > Operations 20011 Interpolated Age of participant when operation took place UK Biobank Assessment Centre > Verbal interview > Operations 20107 Illnesses of father LIK Righank Assessment Centre > Touchscreen > Family history UK Biobank Assessment Centre > Touchscreen > Family history 20110 Illnesses of mother 20111 Illnesses of siblings UK Biobank Assessment Centre > Touchscreen > Family history 30000 White blood cell (leukocyte) count Biological samples > Assay results > Blood assays > Blood count Biological samples > Assay results > Blood assays > Blood count 30010 Red blood cell (erythrocyte) count 30020 Haemoglobin concentration Biological samples > Assay results > Blood assays > Blood count 30040 Mean corpuscular volume Biological samples > Assay results > Blood assays > Blood count 30050 Mean corpuscular haemoglobin Biological samples > Assay results > Blood assays > Blood count 30060 Mean corpuscular haemoglobin concentration Biological samples > Assay results > Blood assays > Blood count 30070 Red blood cell (erythrocyte) distribution width Biological samples > Assay results > Blood assays > Blood count Biological samples > Assay results > Blood assays > Blood count 30090 Platelet crit Biological samples > Assay results > Blood assays > Blood count 30100 Mean platelet (thrombocyte) volume Biological samples > Assay results > Blood assays > Blood count 30110 Platelet distribution width Biological samples > Assay results > Blood assays > Blood count 30120 Lymphocyte count Biological samples > Assay results > Blood assays > Blood count 30130 Monocyte count Biological samples > Assay results > Blood assays > Blood count 30150 Eosinophil count Biological samples > Assay results > Blood assays > Blood count Biological samples > Assay results > Blood assays > Blood count 30170 Nucleated red blood cell count Biological samples > Assay results > Blood assays > Blood count 30190 Monocyte percentage Biological samples > Assay results > Blood assays > Blood count 30200 Neutrophil percentage Biological samples > Assay results > Blood assays > Blood count 30210 Eosinophil percentage Biological samples > Assay results > Blood assays > Blood count 30220 Basophil percentage Biological samples > Assay results > Blood assays > Blood count 30240 Reticulocyte percentage Biological samples > Assay results > Blood assays > Blood count Biological samples > Assay results > Blood assays > Blood count 30260 Mean reticulocyte volume 30270 Mean sphered cell volume Biological samples > Assay results > Blood assays > Blood count 30280 Immature reticulocyte fraction Biological samples > Assay results > Blood assays > Blood count Biological samples > Assay results > Blood assays > Blood count 30290 High light scatter reticulocyte percentage 30500 Microalbumin in urine Biological samples > Assay results > Urine assays 30510 Creatinine (enzymatic) in urine Biological samples > Assay results > Urine assays 30520 Potassium in urine Biological samples > Assay results > Urine assays 30530 Sodium in urine Biological samples > Assay results > Urine assays 30600 Albumin Biological samples > Assay results > Blood assays > Blood biochemistry 30610 Alkaline phosphatase Biological samples > Assay results > Blood assays > Blood biochemistry 30620 Alanine aminotransferase Biological samples > Assay results > Blood assays > Blood biochemistry Biological samples > Assay results > Blood assays > Blood biochemistry 30660 Direct bilirubin Biological samples > Assay results > Blood assays > Blood biochemistry 30670 Urea Biological samples > Assay results > Blood assays > Blood biochemistry

Biological samples > Assay results > Blood assays > Blood biochemistry

30680 Calcium

1		
	30690 Cholesterol	Biological samples > Assay results > Blood assays > Blood biochemistry
	30700 Creatinine	Biological samples > Assay results > Blood assays > Blood biochemistry
	30710 C-reactive protein	Biological samples > Assay results > Blood assays > Blood biochemistry
	30720 Cystatin C	Biological samples > Assay results > Blood assays > Blood biochemistry
	30730 Gamma glutamyltransferase	Biological samples > Assay results > Blood assays > Blood biochemistry
	30740 Glucose	Biological samples > Assay results > Blood assays > Blood biochemistry
	30750 Glycated haemoglobin (HbA1c)	Biological samples > Assay results > Blood assays > Blood biochemistry
	30760 HDL cholesterol	Biological samples > Assay results > Blood assays > Blood biochemistry
	30770 IGF-1	Biological samples > Assay results > Blood assays > Blood biochemistry
	30790 Lipoprotein A	Biological samples > Assay results > Blood assays > Blood biochemistry
	30800 Oestradiol	Biological samples > Assay results > Blood assays > Blood biochemistry
	30810 Phosphate	Biological samples > Assay results > Blood assays > Blood biochemistry
	30820 Rheumatoid factor	Biological samples > Assay results > Blood assays > Blood biochemistry
	30830 SHBG	Biological samples > Assay results > Blood assays > Blood biochemistry
	30840 Total bilirubin	Biological samples > Assay results > Blood assays > Blood biochemistry
	30850 Testosterone	Biological samples > Assay results > Blood assays > Blood biochemistry
	30860 Total protein	Biological samples > Assay results > Blood assays > Blood biochemistry
	30870 Triglycerides	Biological samples > Assay results > Blood assays > Blood biochemistry
	30880 Urate	Biological samples > Assay results > Blood assays > Blood biochemistry
	30890 Vitamin D	Biological samples > Assay results > Blood assays > Blood biochemistry

**Supplementary Table 3.** List of known risk factors tested for their associations with ovarian cancer in the study dataset. Risk factors (highlighted) with p-value <0.05 were picked up for additional adjustments in the risk adjusted models.

#	Risk/protective factor <sup>1</sup>	UKB Field Used	P-value	Decision
1	Education	6138 (Qualifications)	0.67	Not to include
2	Family history of OC, BC and PC	20110 (Illness of mother, code 5 and 13), 20107 (Illness of father, code 5 and 13), 20111 (Illness of siblings, code 5 and 13)	0.01	Include
3	вмі	21001 (Body mass index (BMI))	0.25	Not to include
4	Daily walking time	874 (Duration of walks)	0.95	Not to include
5	Physical activity	Physical activity MET (based on Bradbury, K.E. 2017)	0.87	Not to include
6	Tea intake	1488 (Tea intake)	0.25	Not to include
7	Smoking status	20116 (Smoking status)	0.29	Not to include
8	Alcohol consumption	1558 (Alcohol intake frequency)	0.41	Not to include
9	Parity	2734 (Number of live births)	2.48E-10	Include
10	Menopausal status	2724 (Had menopause?)	0.25	Not to include
11	Age at menopause	3581 (Age at menopause (last menstrual period))	0.28	Not to include
12	Age at menarche	2714 (Age when periods started (menarche))	0.21	Not to include
13	Hormone therapy	2814 (Ever used hormone-replacement therapy (HRT))	0.92	Not to include
14	Daily sleeping time	1160 (Sleep duration)	0.93	Not to include
15	Use of oral contraceptives	2784 (Ever taken oral contraceptive pill)	2.80E-06	Include
16	Tubal ligation	20004 (Operation code, 1362 - sterilisation)	0.03	Include
17	Family income	738 (Average total household income before tax)	0.02	Include

<sup>&</sup>lt;sup>1</sup>Risk factors identified in the systematic review "Biller VS, Leitzmann MF, Sedlmeier AM, Berger FF, Ortmann O, Jochem C. Sedentary behaviour in relation to ovarian cancer risk: a systematic review and meta-analysis. Eur J Epidemiol 2021; 36(8): 769-80"

Supplementary Table 4. Top 3% features identified by the GBDT-SHAP pipeline as being important in predicting ovarian cancer, with their odds ratios and 95% confidence intervals from both basic adjusted and risk factor adjusted models. Risk factor adjusted models were created for only those features which passed type I error threshold (a) of 0.05 after correcting for false discovery rate (FDR). Age, ethnicity, assessment centre, year of attending the centre, and Townsend deprivation index were used for basic adjusted models were additionally adjusted for family history of breast cancer/prostate cancer, ever-use of the oral contraceptive pill, parity, tubal ligation and household income. Features passing the FDR threshold are shown in bold text. The features sitting height, standing height and weight are in standard deviations. Age when last used oral contraceptive pill has been scaled by dividing by five.

			-		cues :	cure :					Basic ac	gusteu			D				Risk factor a	rujusteu		
Feature ID	Feature description	Туре	SHAP value (all features)	SHAP rank (all features)	SHAP value (important features)	SHAP rank (important features)	Level Level Description	N N	Cases	OR	LCI U	CI	P-value		Pass FDR correction (True/False)	N C	ases OR	R LCI	ı UCI	I P-va	ue Q-valu	Pass FE correcti (True/Fa
Baseline & personal characteristics	s			,																		
<b>x21022</b> x130	Age at recruitment Place of birth in UK - east co-ordinate	Continuous Continuous	15.48 1.02	<b>1</b> 14	<b>8.49</b> 1.45	1 13		<b>221461</b> 194405	1441 1294	1.05 1.0000004			2.02E-48 2.69E-01	1.76E-46 3.61E-01	<b>True</b> False	181172 NA	1152 NA	1.05 NA	1.05 NA	1.06 9.07E NA	<b>29 1.81E-2</b> NA NA	
x1647	Country of birth (UK/elsewhere)	Categorical	0.56	25	1.22	23	1 England	170386	1181	1.0000004	1 1.00	1	2.09E-01	3.016-01	raise	INA	IVA	IVA	IVA	IVA	IA IVA	I IVA
		· ·					2 Wales	9781	54	0.85	0.6	1.2				i						
							3 Scotland	17679	79 26	0.92 1.03	0.67 0.7	1.25 1.52	7.02E-01	7.78E-01	False	NA NA	NA	NA	NA	NA	IA NA	NA.
							4 Northern Ireland/Republic of Ireland 5 Elsewhere	3524 19334	26 98	0.87	0.7	1.13				i						
x129	Place of birth in UK - north co-ordinate	Continuous	0.31	36	0.71	48		194405	1294	1.0000001	1 1.00		6.97E-01	7.78E-01	False	NA NA	NA	NA	NA	NA	IA NA	NA
Female-specific factors																ı						
x2724 x2674	Had menopause Ever had breast cancer screening / mammogram	Binary Binary	4.54 1.42	5 11	3.03 2.52	5		187031 220609	1261 1438	0.88 0.93	0.71 0.76		2.52E-01 4.38E-01	3.42E-01 5.37E-01	False False	NA NA	NA NA	NA NA	NA NA		IA NA IA NA	
x2804	Age when last used oral contraceptive pill	Continuous	0.80	16	1.52	11		161865	930	0.93			1.85E-04	2.01E-03	True	138311	771	0.89	0.85	0.93 2.23E		
x2794	Age started oral contraceptive pill	Continuous	2.12	8	1.32	18		173620	992	1.01	0.997		1.09E-01	1.99E-01	False	NA	NA	NA	NA		IA NA	
x2734	Number of live births	Continuous	1.09	13	1.30	19		220752	1438	0.86	0.83		3.27E-10	9.47E-09	True	181172	1152	0.87	0.82	0.91 5.20E		
x2814	Ever used hormone-replacement therapy (HRT)	Binary	0.64	21	1.26	21		220159	1432	1.01	0.9		9.21E-01	9.32E-01	False	NA	NA	NA	NA		IA NA	
x2744 <b>x2784</b>	Birth weight of first child  Ever taken oral contraceptive pill	Continuous Binary	0.77 <b>1.71</b>	17 9	1.20 <b>1.14</b>	24 <b>25</b>		175361 220271	1081 <b>1433</b>	1.04 <b>0.74</b>	0.99 <b>0.66</b>	1.1 0.84	1.10E-01 1.78E-06	1.99E-01 3.87E-05	False <b>True</b>	NA 181172	NA 1152	NA 0.73	NA 0.63	NA 0.83 6.27E	VA NA 06 2.51E-0	
Sociodemographics	Ever taken oral contraceptive pin	Dillary	1.71	,	1.14	25		1 220271	1433	0.74	0.00	0.04	1.702-00	3.071-03	nuc	1011/2	1132	0.73	0.03	0.03 0.272	00 Z.JIL-0.	, muc
x61412	People in household- son and/or daughter	Binary	7.05	4	6.07	3		219365	1428	0.76	0.66	0.87	1.02E-04	1.26E-03	True	180828	1150	0.94	0.80	1.10 4.34E	01 4.34E-0	1 False
x61422	Retired	Binary	7.07	3	3.13	4		220215	1435	1.11	0.96		1.67E-01	2.57E-01	False	NA NA	NA	NA	NA	NA	IA NA	NA.
x738	Average total household income before tax	Categorical	1.45	10	1.96	8	1 Less than 18,000 2 18,000 to 30,999	42928 47074	343 367	1 1.07	0.92	1				l						
							3 31,000 to 51,999	47221	257	0.89	0.75		2.41E-02	7.77E-02	False	NA	NA	NA	NA	NA	NA NA	A NA
							4 52,000 to 100,000	35382	150	0.79	0.64	0.97				l						
							5 Greater than 100,000	9153	41	0.87	0.62	1.21										
x699 x6142 1	Length of time at current address	Continuous	0.65 0.93	20 15	1.08 0.52	27 70		220435	1436	1.003	0.999 0.82	1.01 1.06	1.38E-01 2.78E-01	2.22E-01 3.67E-01	False	NA NA	NA NA	NA NA	NA NA		IA NA IA NA	
x61421 x709	In paid employment or self-employed  Number in household	Binary	2.19	15 7	0.52	70 75		220215 219584	1435 1429	0.93 0.94	0.82		3.12E-02	3.67E-01 8.70E-02	False False	NA NA	NA NA	NA NA	NA NA		IA NA IA NA	
- Lifestyle and environment				•	55	.5		223304	1,23	3.54	3.03		02	2.702 02	. 3.30							110
x1070	Time spent watching television (TV)	Continuous	0.40	29	1.01	28		218852	1423	1.02	0.99		2.02E-01	2.93E-01	False	NA	NA	NA	NA	NA	IA NA	
x1677	Breastfed as a baby	Binary	0.22	47	0.90	38		179987	1149	1.14	0.99		6.33E-02	1.38E-01	False	NA NA	NA	NA	NA		IA NA	
x1050 x6164 3	Time spend outdoors in summer Light DIY (eg: pruning, watering the lawn)	Continuous Binary	0.19 0.21	53 50	0.77 0.68	43 52		204603 218456	1302 1418	0.99 0.78	0.96 0.61		5.28E-01 5.09E-02	6.21E-01 1.24E-01	False False	NA NA	NA NA	NA NA	NA NA		IA NA IA NA	
x894	Duration of moderate activity	Continuous	0.33	34	0.57	64		159291	976	1.001			2.18E-01	3.11E-01	False	NA NA	NA NA	NA NA	NA NA		IA NA	
x61791	Mineral or other dietary supplements- Fish oil	Binary	0.12	87	0.51	71		218931	1418	1.08	0.97		1.56E-01	2.47E-01	False	NA.	NA	NA	NA		IA NA	
x61621	Types of transport used (excluding work)- car/motor vehicle	Binary	0.13	76	0.49	72		218605	1418	0.86	0.76	0.98	2.12E-02	7.28E-02	False	NA	NA	NA	NA	NA	IA NA	NA.
x6179100	Mineral or other dietary supplements- None	Binary	0.22	45	0.48	73		218931	1418	0.93	0.84	1.04	1.94E-01	2.85E-01	False	NA NA	NA	NA	NA	NA	IA NA	NA.
x1628	Alcohol intake versus 10 years previously	Categorical	0.12	84	0.45	76	1 More nowadays	39218 76648	235 509	1.02	1 0.87	1	4.03E-01	5.09E-01	False	NA NA	NΔ	NA	NA	NA	IA NA	NA.
							2 About the same 3 Less nowadays	82267	549	1.02	0.87	1.19	4.05E-01	3.09E-01	raise	i	NA	IVA	IVA	IVA	IA IV-	I IVA
x981	Duration walking for pleasure	Categorical	0.13	73	0.31	84	1 Non-walkers/Less than 15 minutes	60,909	383	1.00	1.00	1.00				48,989	306	1.00	1.00	1.00		
							2 Between 15 min and 1.5 hrs	122,853	793	1.03	0.91	1.16	7.67E-03	4.17E-02	True	102,808	641	1.01	0.88	1.16 1.25F-	3.12E-03	True
							3 Between 1.5 hrs and 3 hrs	24,715	145	0.88	0.72	1.07	7.072 05	41272 02		20,603	115	0.84	0.68	1.05	.5 5.122 65	
x1369	Beef intake	Catagorical	0.12	81	0.30	85	4 Over 3 hrs 1 Never	9,115 30475	<b>89</b> 200	1.41	1.12	1.78				7,702	82	1.52	1.19	1.95		
X1309	beel littake	Categorical	0.13	91	0.50	83	2 Less than once	101656	679	0.93	1 0.79	1.09										
							3 Once a week	65023	426	0.92	0.77	1.09	1.12E-01	2.00E-01	False	NA NA	NA	NA	NA	NA	IA NA	NA.
							4 2-4 times a week or more	22973	122	0.76	0.6	0.96				ı						
Cognitive and psychosocial factors		Cantinua	0.45	27	0.75	47		218994	1421	1.0003	0.9998	1.001	2.38E-01	2 205 04	Falsa	NA NA	NΔ	NA	NA	NA	IA NA	NA.
x20023 x2050	Mean time to correctly identify matches Frequency of depressed mood in last 2 weeks	Continuous Categorical	0.45	28	1.36	17	1 Not at all	154030	1086	1.0003	0.9998	1.001	2.38E-U1	3.28E-01	False	NA	NA	NA .	IVA	NA	IA NA	NA NA
ALOSO	requestey of depressed mode in last 2 weeks	categorical	0.12	20	2.50		2 Several days	44263	228	0.81	0.7	0.94	1.48E-02	E 06E 03	Falso	NA.	N/A	NA	NA	NA	IA NA	
							3 More than half the days	7148	34	0.76	0.54	1.08	1.48E-UZ	5.86E-02	False	i NA	NA	NA	NA	NA	IA NA	NA.
							4 Nearly every day	4584	29	1.05	0.73	1.53										
<b>x1960</b> x61453	Fed-up feelings Death of a close relative in the last 2 years	<b>Binary</b> Binary	0.35 0.14	<b>33</b> 72	1.01 0.95	<b>29</b> 33		215979 217884	1406 1412	<b>0.87</b> 0.89	<b>0.78</b> 0.78		<b>1.15E-02</b> 7.99E-02	5.00E-02 1.65E-01	<b>True</b> False	177837 NA	1132 NA	0.82 NA	0.72 NA	0.93 1.54E NA	03 3.43E-0:	
x1940	Irritability	Binary	0.17	61	0.70	49		210485	1373	0.89	0.79	1.02	8.59E-02	1.74E-01	False	NA NA	NA	NA	NA	NA	IA NA	NA.
x2000	Worry too long after embarrassment	Binary	0.13	78	0.62	62		211165	1389	1.02	0.92	1.13	7.16E-01	7.79E-01	False	NA	NA	NA	NA	NA	IA NA	NA.
x2100	Seen a psychiatrist for nerves, anxiety, tension or depression	Binary	0.13	82	0.58	63		219831	1430	0.83	0.7		3.44E-02	9.08E-02	False	NA NA	NA	NA	NA		IA NA	
x1920	Mood swings	Binary	0.17	62	0.40	79		215399	1395	0.92	0.83	1.03	1.35E-01	2.21E-01	False	NA NA	NA	NA	NA	NA	IA NA	NA.
Physical measurements x3064	Peak expiratory flow (PEF)	Continuous	0.71	18	1.45	14		202492	1301	0.999	0.999 1.0	0001	5.30E-02	1.24E-01	False	NA.	NA	NA	NA	NA	IA NA	NA.
x20015	Sitting height	Continuous	0.55	26	1.42	16		218965	1417	1.13	1.07	1.2	1.09E-05	1.58E-04	True	180757	1147	1.13	1.06	1.20 1.07E		
x50	Standing height	Continuous	0.58	24	1.28	20		220534	1435	1.13	1.07		7.36E-06	1.28E-04	True	180759	1147	1.12	1.05	1.19 4.07E		
x23099	Body fat percentage	Continuous	0.13	83	0.94	35	1 Charter	217390	1408	1.01	0.999	1.01	1.09E-01	1.99E-01	False	NA	NA	NA	NA	NA	IA NA	NA.
x1697	Comparative height size at age 10	Categorical	0.17	60	0.85	39	1 Shorter 2 About average	46748 115799	267 778	1 1.17	1 1.02	1.35	2.79E-02	8.37E-02	False	NA NA	NA	NA	NA	NA	IA NA	NA.
							3 Taller	54120	371	1.23	1.05	1.44										110
x21002	Weight	Continuous	0.31	35	0.82	41		220366	1432	1.08	1.03		2.43E-03	1.76E-02	True	180621	1145	1.09	1.03	1.15 4.55E	03 7.76E-0	3 True
x49	Hip circumference	Continuous	0.16	66	0.76	44		220569	1435	1.01	1.001		1.69E-02	6.38E-02	False	NA	NA	NA	NA		IA NA	
<b>x3137</b> x4079	Number of measurements made  Diastolis blood prossure automated reading	Continuous	0.19 0.13	54 75	<b>0.75</b> 0.70	<b>45</b> 51		202492	1301 1362	1.21	1.06		3.62E-03	2.25E-02	True	167645 NA	1056 NA	1.20 NA	1.05 NA	1.38 9.72E NA	03 1.50E-0:	2 True
x4079 x4080	Diastolic blood pressure, automated reading  Systolic blood pressure, automated reading	Continuous Continuous	0.13	75 71	0.70	51 58		206330 206325	1362 1362	1.0005 0.999	0.995 0.996		8.53E-01 4.16E-01	8.73E-01 5.17E-01	False False	NA NA	NA NA	NA NA	NA NA		IA NA IA NA	
x46	Hand grip strength (left)	Continuous	0.14	57	0.63	61		219984	1432	0.9997	0.99		9.46E-01	9.46E-01	False	NA NA	NA	NA	NA		IA NA	
x47	Hand grip strength (right)	Continuous	0.15	69	0.57	65		219993	1431	0.998	0.99	1.01	7.06E-01	7.78E-01	False	NA	NA	NA	NA		IA NA	
x3062	Forced vital capacity (FVC)	Continuous	0.13	77	0.56	66		202492	1301	1.01	0.93		7.96E-01	8.55E-01	False	NA	NA	NA	NA		IA NA	
x102 x48	Pulse rate, automated reading Waist circumference	Continuous	0.23 0.24	42 41	0.56 0.35	67 82		206330	1362 1435	1.004 1.005	0.999		1.17E-01 2.63E-02	2.00E-01 8.18F-02	False	NA NA	NA NA	NA NA	NA NA		IA NA IA NA	
X48 Health and medical history	Waist circumference	Continuous	0.24	41	0.55	04		220583	1435	1.005	1.001	1.01	2.UJE-UZ	8.18E-02	False	IVA	IVA	WA	NA	IVA	NA INA	. NA
x200041355	Operation code: bilateral oophorectomy	Binary	9.39	2	8.10	2		221126	1440	0.21	0.14	0.31	1.41E-14	6.15E-13	True	181172	1152	0.23	0.15	0.35 1.78E	11 1.78E-1	) True
x1835	Mother still alive	Binary	2.41	6	2.09	7		217441	1421	0.88			5.31E-02	1.24E-01	False	NA NA	NA	NA	NA		IA NA	
x20011	Interpolated age of participant when operation took place	Continuous	0.12	86	1.11	26		174210	1170	0.996			1.12E-02	5.00E-02	True	142681	941	1.00	1.00	1.00 6.00E		
x20110101	Illnesses of mother - none (group 2 diseases*)	Binary	0.20	<b>52</b>	0.97	31		207783	1354	0.85			1.11E-02	5.00E-02	True	171683	1088	0.89	0.77	1.03 1.42E		
x200041480 x1807	Operation- Wisdom teeth surgery Father's age at death	Binary Continuous	0.15 0.63	70 22	0.97 0.68	32 54		221126 157634	1440 1142	0.73 0.999			4.81E-02 5.24E-01	1.23E-01 6.21E-01	False False	NA NA	NA NA	NA NA	NA NA		IA NA IA NA	
x1807 x1797	Father still alive	Binary	0.83	32	0.68	56		215071	1400	1.02	0.87		8.36E-01	8.73E-01	False	NA NA	NA NA	NA NA	NA NA		IA NA	
x61535	Medication- Oral contraceptive pill	Binary	0.39	30	0.67	57		218256	1412	0.54	0.31		2.90E-02	8.41E-02	False	NA NA	NA	NA	NA		IA NA	
x20009	Interpolated Age of participant when non-cancer illness first diagnosed	Continuous	0.25	39	0.64	59		155180	1035	0.9995	0.995	1.004	8.21E-01	8.71E-01	False	NA	NA	NA	NA	NA	IA NA	NA.
x61496	Mouth/teeth dental problems- Dentures	Binary	0.22	46	0.43	77		218712	1416	1.14	0.998		5.41E-02	1.24E-01	False	NA	NA	NA	NA		IA NA	
x136	Number of operations, self-reported	Continuous	0.18	55	0.36	81		221126	1440	0.96	0.93		2.18E-02	7.28E-02	False	NA NA	NA	NA	NA		IA NA	
x200041507	Operation- Ectopic pregnancy surgery	Binary	0.16	64	0.26	87	I	221126	1440	0.33	0.14	0.8	1.44E-02	5.86E-02	False	NA NA	NA	NA	NA	NA	IA NA	

Biomarkers		1				
x30870	Triglycerides	Continuous	0.30	37	1.93	9
x30650	Aspartate aminotransferase	Continuous	0.15	68	1.59	10
x30050	Mean corpuscular haemoglobin	Continuous	0.60	23	1.52	12
x30770	Insulin-like growth factor 1 (IGF-1)	Continuous	1.14	12	1.44	15
x30740	Glucose	Continuous	0.20	51	1.24	22
x30210	Eosinophil percentage	Continuous	0.67	19	0.99	30
x30190	Monocyte percentage	Continuous	0.21	48	0.95	34
x30070	Red blood cell (erythrocyte) distribution width	Continuous	0.27	38	0.91	36
x30270	Mean sphered cell volume	Continuous	0.12	85	0.90	37
x30040	Mean corpuscular volume	Continuous	0.38	31	0.83	40
x30520	Potassium in urine	Continuous	0.18	58	0.81	42
x30720	Cystatin C	Continuous	0.23	43	0.75	46
x30710	C-reactive protein	Continuous	0.23	44	0.70	50
x30620	Alanine aminotransferase	Continuous	0.18	56	0.68	53
x30860	Total protein	Continuous	0.17	59	0.68	55
x30120	Lymphocyte count	Continuous	0.17	63	0.63	60
x30280	Immature reticulocyte fraction	Continuous	0.21	49	0.56	68
x30750	Glycated haemoglobin (HbA1c)	Continuous	0.13	79	0.52	69
x30200	Neutrophil percentage	Continuous	0.13	74	0.48	74
x30290	High light scatter reticulocyte percentage	Continuous	0.24	40	0.41	78
x30760	HDL cholesterol	Continuous	0.13	80	0.40	80
x30690	Cholesterol	Continuous	0.16	67	0.32	83
x30150	Eosinophil count	Continuous	0.16	65	0.30	86

<sup>\*</sup> Group 2 diseases = Parkinson's disease, severe depression, lung cancer, bowel cancer, breast cancer
Additional abbreviations: LCI lower confidence interval, OC ovarian cancer, OR odds ratio, Q-value FDR-corrected P-value, UCI upper confidence interval.

**Supplementary Table 5.** SHAP-important biomarkers that were subject to statistical modelling using basic adjusted and risk factor adjusted logistic regression models with their mean and standard deviation before standardising. Analysis method for each assay is also provided. For additional information on these biomarkers, please refer to the footnotes accompanying the table.

Feature ID	Biomarker	Analysis method	N	Mean (SD) Unit
Red Blood Cell Indices 1				
x30040	Mean corpuscular volume	Coulter	210,450	90.81 (4.67) fL
x30050	Mean corpuscular haemoglobin	Coulter	210,450	31.25 (1.93) pg
x30070	Red blood cell (erythrocyte) distribution width	Coulter	210,450	13.51 (1.05) %
x30270	Mean sphered cell volume	Coulter	206,633	82.92 (5.25) fL
x30280	Immature reticulocyte fraction	Coulter	206,632	0.29 (0.06) ratio
x30290	High light scatter reticulocyte percentage	Coulter	206,633	0.39 (0.34) %
White Blood Cell Indices <sup>1</sup>				
x30120	Lymphocyte count	Coulter	210,055	2.00 (0.61) x 10 <sup>9</sup> cells/L
x30150	Eosinophill count	Coulter	210,055	0.16 (0.13) x 10 <sup>9</sup> cells/L
x30190	Monocyte percentage	Coulter	210,058	6.56 (2.48) %
x30200	Neutrophill percentage	Coulter	210,058	60.58 (8.28) %
x30210	Eosinophill percentage	Coulter	210,058	2.42 (1.8) %
Liver function <sup>2</sup>				
x30620	Alanine aminotransferase	IFCC	206,955	20.08 (12.08) U/L
x30650	Aspartate aminotransferase	IFCC	206,227	24.38 (9.51) U/L
x30860	Total protein	Biuret	187,908	72.46 (4.09) g/L
Lipid profile <sup>2</sup>				
x30690	Cholesterol	CHO-POD	206,961	5.86 (1.12) mmol/L
x30760	HDL cholesterol	Enzyme immunoinhibition	188,012	1.6 (0.38) mmol/L
x30870	Triglycerides	GPO-POD	206,847	1.53 (0.85) mmol/L
Glucose metabolism markei	rs²			
x30740	Glucose	Hexokinase	187,878	5.05 (1.05) mmol/L
x30750	Glycated haemoglobin (HbA1c)	HPLC	205,547	35.65 (5.89) mmol/mol
Kidney marker <sup>2</sup>				
x30720	Cystatin C	Immuno-turbidimetric	206,965	0.87 (0.16) mg/L
Other markers				
x30710	C-reactive protein <sup>2</sup>	Immunoturbidimetric - high sensitivity	206,609	2.62 (4.23) mg/L
x30770	IGF-1 <sup>2</sup>	Chemiluminescent Immunoassay – one step sa	205,835	21.1 (5.76) nmol/L
x30520	Potassium in urine <sup>3</sup>	ISE	212,835	58.63 (33.21) mmol/L

<sup>&</sup>lt;sup>1</sup>https://biobank.ndph.ox.ac.uk/ukb/ukb/docs/haematology.pdf

<sup>&</sup>lt;sup>2</sup>https://biobank.ndph.ox.ac.uk/showcase/showcase/docs/serum\_biochemistry.pdf

<sup>&</sup>lt;sup>3</sup>https://biobank.ndph.ox.ac.uk/showcase/showcase/docs/urine\_assay.pdf

Supplementary Table 5. Top 3.7% interest identified by the GEOT SAMP popular as being important in protecting quartic curve, with their odd rates and 95% confidence and their desired product with the outcomes being currier control programs control production control care of the discovery rate (FOI) control product of the outcomes being currier control product curve, with their outcomes being currier control product curve, and manufacture dependent on the curve curve from the discovery rate (FOI) control quartic and product in control product curve, and manufacture dependent on the discovery rate (FOI) control quartic and product curve, and manufacture dependent on the discovery rate (FOI) control quartic and product curve, and manufacture dependent on the discovery rate (FOI) control quartic and product curve a

							1						Basic adj	Susted													Risk factor	adjusted				
								Serous OC			Endometrioid OC				Cle	ar cell OC				Mucinous	oc				Serous OC					Clear cell O	c	
			SHAP value (all	SHAP rank (all	SHAP value SH (important (im features) fe	IAP rank nportant eatures)		Pass FDR correction					Pass FDR correction				Pass FC	DR ion				Pass FDR correction					Pass FDR correction					Pass FDR
Feature ID  A - Raceline & nersonal characteri	Feature description	Туре	features)	features)	features) fe	eatures)	Level Level Description	N Cases OR LCI UCI P-value Q-value (True/False)	N Ca	ises OR LCI	uci i	value Q-value	(True/False)	N Cases	OR LCI I	JCI P-valu	correcti e Q-value (True/Fa		Cases OR	LCI UCI		Q-value (True/False)	N Cases	OR LCI	UCI	P-value	Q-value (True/False)	N Cas	s OR	ci uci	P-value	Q-value (True/False)
<b>x21022</b> x130	Age at recruitment Place of birth in UK - east co-ordinate	Continuous Continuous Categorical	15.48 1.02 0.56	1	8.49 1.45 1.22	1 13		220636 616 1.09 1.08 1.1 1.56E-44 1.36E-42 True 190248 557 1 0.999999 1.000001 9.97E-01 1.00E+00 False	216001 191487	59 0.99 0.9 52 0.999997 0.9999	1.02 5	66E-01 8.04E-01 18E-02 5.72E-01	False False	191061 50 168777 43	0.998 0.96 1 0.999996 1.0	1.03 8.94E-0: 00004 8.48E-0:	9.27E-01 Falsa 9.27E-01 Falsa	e 215985 e 191472	43 0.96 37 1.000004 0	0.93 1.001 999999 1.00001	5.36E-02 6 1.04E-01 8	.43E-01 False .64E-01 False	180498 47	3 1.08 1	.06 1.09 V4 N4	6.63E-24 NA	3.31E-23 True	NA NA	NA NA	NA NA	NA NA	NA NA
x1647	Country of birth (UK/elsewhere)	Categorical	0.56	25	1.22	23	1 England	169708 39 1 1 1	168023	46 1	1 5 00			163703 43	1 1	1		168011	34 1	1 1												
							1 England 2 Wales 3 Scotland 4 Northern Ireland/Republic of Ireland	9744 39 0.6 0.33 1.08 1.98 2.90E-01 5.26E-01 False 3510 39 1.07 0.6 1.89	17602 3500	52 0.99997 0.9999 46 1 1 0.52 0.0 7 2.53 0.8 2 2.24 0.5 3 0.35 0.0	5.09 7.3 11 9.27 1.62	14E-01 6.72E-01	False	NA NA 3124 1	1 1 3.63 1.12 NA NA 1.24 0.17 0.59 0.14	NA 2.63E-0:	8.36E-01 False	in 17596	1 0.45	1 1 0.35 10.39 0.04 5.2 0.23 12.71 0.25 2.97	8.57E-01 9	3SE-01 False	NA N	NA I	NA NA	NA	NA NA	NA	NA NA	NA NA	NA	NA NA
x129	Place of birth in UK - north co-ordinate	Continuous	0.31	36	0.71	48	5 Elsewhere	20066         685         1.09         1.08         1.1         1.584.4         1.386.4         Toe           169768         10         6.99999         1.00000         9376.01         1.00000         False           169768         39         1         1.0	216001 191487 168023 9713 17602 3500 16459 191487	3 0.35 0.0 52 0.999999 0.999999	1.62	96-01 8.046-01	False	191061 50 168727 43 163703 43 3534 3 NA NA 3124 1 15328 3 168727 43	0.59 0.14 1.000001 0.999998 1.0	2.52 00003 6.06E-0:	8 83F-01 Falor	e 215985 e 191472 168011 9714 e 17596 3499 16461 e 191472	34 1 2 1.91 1 0.45 1 1.73 5 0.86 37 0.999996	0.25 2.97 n 99999 n 999999	2.16E-03 1	.66E-01 False	NA N	. NA I	VA NA	N/A	NA A	NA NA	NA NA	NA NA	NA.	NA NA
	Had menopause			5	3.03	5		186310 540 1.27 0.88 1.83 2.04E-01 4.66E-01 False		51 0.94 0.3											5.95E-01 9	.12E-01 False	NA N	NA I	VA NA	NA.	NA NA	NA NA	NA NA	NA NA	NA.	NA NA
\$2774 \$2674 \$2894 \$2794 \$2794 \$2734 \$2814 \$2744	Ever had breast cancer screening / mammogram  Age when last used oral contraceptive pill	Binary Binary Continuous Continuous Continuous Binary Continuous	4.54 1.42 0.80 2.12 1.09 0.64 0.77	11 16	2.52 1.52	6 11		18510 540 1.27 0.88 1.33 1.044-01 4.556-01 Fabra 197306 455 1.25 0.47 1.79 2.125-01 4.805-02 Fabra 161306 371 0.89 0.83 0.96 2.056-03 4.874-02 Tose 1.07500 401 1.01 0.99 1.03 6.556-01 4.874-02 Tose 1.07500 401 1.01 0.99 1.03 6.556-01 4.874-02 Tose 2.07500 412 1.01 0.00 1.01 6.556-01 4.874-02 Tose 2.07500 412 1.01 0.00 1.01 6.556-01 9.016-01 Fabra 1.7847-02 402 1.01 0.03 1.00 8.456-01 9.016-02 Fabra 1.7847-02 402 1.01 0.03 1.00 8.456-01 9.016-02 Fabra	182483 215184 149649 167735 215325 214788 171327	51 0.94 0.3 59 2.2 0.9 36 0.83 0.6 37 1.003 0.9 59 0.71 0.5 59 0.93 0.5	5 2.42 8.5 5 5.02 6.5 6 1.05 1.5 8 1.09 9.3 6 0.89 3.1 1.69 8.6 1.43 4.6	77E-01 9.64E-01 15E-02 5.02E-01 15E-01 5.93E-01 13E-01 9.79E-01 17E-03 1.35E-01 19E-01 9.54E-01 12E-01 8.04E-01	False False False False False False	157017 40 190299 50 137940 33 148072 34 190432 50 185502 49 151621 28	0.26 0.09 0.64 0.27 0.75 0.58 1.02 0.94 0.55 0.42 1.01 0.53 1.22 0.89	0.74 1.24E-0; 1.52 3.09E-0; 0.97 2.80E-0; 1.1 6.68E-0; 0.71 7.88E-0; 1.94 9.65E-0; 1.68 2.06E-0;	1.21E-01 False 8.36E-01 False 2.35E-01 False 8.83E-01 False 6.33E-04 True 9.76E-01 False 7.88E-01 False	e 182468 e 215168 e 146736 e 157480 e 215309 e 214772 e 159092	36 0.74 43 0.34 32 0.92 33 1.04 43 0.97 43 1.34 31 1.21	0.24 2.25 0.13 0.84 0.72 1.15 0.97 1.12 0.75 1.26 0.65 2.77 0.9 1.62	5.95E-01 9 1.97E-02 4 4.53E-01 9 2.84E-01 9 8.43E-01 9 4.26E-01 9 2.06E-01 8	12E-01 False 13E-01 False 12E-01 False 01E-01 False 35E-01 False 12E-01 False 64E-01 False	NA NJ 137838 29 NA NJ NA NJ NA NJ	NA 1	VA NA .79 0.93	NA 1.58E-04	NA NA 1.98E-04 True NA NA NA NA	NA NA NA 138304 NA	NA NA NA NA NA NA 35 0.63	NA NA	NA NA	NA NA NA NA
x2794 x2794	Age started oral contraceptive pill Number of live births	Continuous	2.12	8	1.32 1.30 1.26	18		173030 402 1.01 0.98 1.03 6.56E-01 8.91E-01 False 219929 615 0.91 0.85 0.98 7.61E-03 8.40E-02 False	167735 215325	37 1.003 0.9 59 0.71 0.5	1.09 9.	3E-01 9.79E-01 7E-03 1.35E-01	False False	148072 34 190432 50	1.02 0.94 0.55 0.42	1.1 6.68E-0: 0.71 7.88E-0	8.83E-01 False	e 157480 e 215309	33 1.04 43 0.97	0.97 1.12 0.75 1.26	2.84E-01 9 8.43E-01 9	01E-01 False 35E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA 138304	NA NA 35 0.63 NA NA	NA NA 0.46 0.86 NA NA	NA 3.53E-03	NA NA 5.89E-03 True NA NA
x2814 x2744	Ever used hormone-replacement therapy (HRT) Birth weight of first child	Binary Continuous	0.64	21	1.26	21		173030 402 1.01 0.98 1.03 6.56E-01 8.91E-01 False 219919 615 0.91 0.85 0.98 7.61E-03 8.40E-02 False 219339 612 1.02 0.86 1.2 8.39E-01 9.98E-01 False 174762 482 1.01 0.93 1.09 8.43E-01 9.98E-01 False	214788 171327	59 0.93 0.5 39 1.1 0.8	1.69 8.1 1.43 4.1	954E-01 12E-01 8.04E-01	False False	185502 49 151621 28	1.01 0.53 1.22 0.89	1.94 9.65E-0: 1.68 2.06E-0:	9.76E-01 False 7.88E-01 False	e 214772 e 159092	43 1.34 31 1.21	0.65 2.77 0.9 1.62	4.26E-01 9 2.06E-01 8	.12E-01 False .64E-01 False	NA N	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA	NA NA	NA NA NA NA
x2784 C - Sociodemographics	Ever taken oral contraceptive pill	Binary	1.71	9	1.14	25		219453 615 0.7 0.59 0.84 1.10E-04 3.18E-03 True	2140/3	58 0.42 0.2	0.75 3.	20-03 1.330-01	Palse	190033 49	0.34 0.28	1.04 b.596-0.	4.340-U1 False	# 21480U	43 0.77	U.35 1.65	4.96E-01 9	12E-01 False	180498 47	8 0.67 0	55 0.83	1.50E-04	1.98E-04 True	NA.	NA NA	NA NA	NA.	NA NA
C - Sociodemographics x6141 2 x6142 2 x738	People in household- son and/or daughter Retired	Binary Binary	7.05 7.07 1.45	4 3	6.07 3.13 1.96	3 4		235466   608 0.74 0.55 0.83 0.5140 0.2040.0 February   608 0.74 0.55 0.83 0.5140 0.2040.0 February   608 0.74 0.75 0.84 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	214057 214828 41519 45809 46278 34905 9070 215031 214828 214257	59 0.45 0.2 59 1.24 0.5 8 1 19 2.21 0.9 12 1.33 0.5 7 1.02 0.3 3 1.71 0.4 59 1.001 0.9 59 0.82 0.4 59 0.76 0.5	0.86 1: 2.67 5:	55E-02 3.25E-01 18E-01 8.04E-01	False False	189272 49 189977 50 36718 9 40394 12 40594 11 30633 4 MA AA 190146 50 189452 49	0.32 0.15 0.88 0.39 1 1 1.36 0.56 1.27 0.49 0.63 0.18 NA NA 1.01 0.99 1.31 0.66 1.03 0.91	0.69 3.72E-0: 1.997 7.64E-0:	5.20E-02 False 9.27E-01 False	214041 214811 41520 45798 46276 34904 9073 2215015 2214811 214241	43 1.38 42 0.95 9 1 8 0.79 10 0.89 6 0.7 6 2.87 43 1.001 42 0.97 43 1.03	0.7 2.73 0.36 2.49	3.59E-01 9 9.09E-01 9	.01E-01 False .70E-01 False	NA NA	NA I	NA NA	NA NA	NA NA NA NA	NA NA	NA NA NA NA	NA NA NA NA	NA NA	NA NA NA NA
x738	Average total household income before tax	Categorical	1.45	10	1.96	8	1 Less than 18,000 2 18,000 to 30,999	42751 166 1 1 1 46861 154 0.99 0.79 1.24	41519 45809	8 1 19 221 0.9	5.12			36718 9 40394 12	1 1 136 0.56	1 2 20		41520 45798	9 1 8 0.79	1 1												
							3 31,000 to 51,999 4 52,000 to 100,000 5 Greater than 100,000	47053 99 0.83 0.64 1.09 6.56E-02 2.60E-01 False	46278 34905	12 1.33 0.5	3.4 2.5	96-01 7.426-01	False	40594 11 30633 4	1.27 0.49 0.63 0.18	3.24 5.29E-0:	8.83E-01 False	46276 34904	10 0.89 6 0.7	0.3 2.07 0.34 2.32 0.23 2.13	1.88E-01 8	.64E-01 False	NA N	NA I	NA NA	NA	NA NA	NA	NA NA	NA NA	NA	NA NA
x699	Length of time at current address	Continuous	0.65	20	1.08	27	5 Greater than 100,000	9122 10 0.55 0.29 1.07 219611 612 1.01 0.999 1.01 1.17E-01 3.57E-01 False	9070 215031	3 1.71 0.4 59 1.001 0.9	6.86	i1E-01 9.81E-01	False	NA NA 190146 50	NA NA 1.01 0.99	NA 1.04 2.61E-0:	8.36E-01 False	9073 e 215015	6 2.87 43 1.001	0.93 8.91 0.97 1.03	9.74E-01 9	91E-01 False	NA N	NA I	NA NA	NA .	NA NA	NA.	NA NA	NA NA	NA.	NA NA
x699 x6142_1 x709	Length of time at current address In paid employment or self-employed Number in household	Binary	0.65 0.93 2.19	15 7	1.08 0.52 0.46	70 75		15322   50 0.88 0.48 0.96   15322   150 0.88 0.96   15322   150 0.85 0.29   1.01   1.176-01   1.576-01   False   121991   613   1.01 0.83   1.23   9.486-01   1.006-00   False   1.218764   609 0.88 0.8 0.97   7.776-3 8.486-02   False   1.006-00   False   1.00	214828 214257	59 0.82 0.4 59 0.76 0.5	3.02 6.86 1.03 9.1 1.51 5.1	1E-01 9.81E-01 10E-01 8.04E-01 14E-02 4.25E-01	False False False	190146 50 189977 50 189452 49	131 0.66 1.03 0.91	1.04 2.61E-0: 2.57 4.38E-0: 1.17 5.95E-0:	8.36E-01 Falsa 8.83E-01 Falsa 8.83E-01 Falsa	e 214811 e 214241	42 0.97 43 1.03	0.34 2.32 0.23 2.13 0.93 8.91 0.97 1.03 0.47 2.02 0.85 1.24	9.74E-01 9 9.44E-01 9 7.73E-01 9	91E-01 False 87E-01 False 12E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA	NA NA	NA NA
D - Lifestvle and environment x1070	Time spent watching television (TV)	Continuous		29	1.01	28				59 0.94 0.7					1.06 0.9					0.70 1.10			NA N	. NA I	NA NA	NA.	NA NA	NA.	NA NA	NA NA	NA.	NA NA
D - Lifestvie and environment ×1070 ×1677 ×1050 ×6164_3	Breastfed as a baby Time spend outdoors in summer Light DIY (eg: pruning, watering the lawn)	Binary Continuous Binary Continuous Binary Binary Binary Categorical	0.40 0.22 0.19 0.21 0.33 0.12 0.13 0.22	47 53		38 43		1500   607   1005   086   105   0.886   0.988   0.09	213559 167902 199849 199849 155492 213156 213156 213556 213556 575238 80155 60,544 122,088 24,578 9,029 29471 99163 63823	59 0.94 0.7 45 2.51 11 53 0.98 0.8 53 0.98 0.8 38 0.99 0.9 57 1.17 0.6 57 1.22 0.6 57 1.2 0.9	1 5.7 2.1 5 1.12 7.1 6 1.12 7.1 6 1.12 7.1 7 2.03 5.1 7 2.03 5.1 7 2.06 5.1	12E-01 8.04E-01 17E-02 4.04E-01 14E-01 9.44E-01 14E-01 9.44E-01 13E-01 5.93E-01 10E-01 8.04E-01 15E-01 8.04E-01	False False False False False False False False	188902 50 154762 44 176692 49 188279 49 118279 49 118700 188681 49 188681 49 188681 49 188681 52 60,541 15 122,086 26 24,576 6 9,028 2 26649 18 85548 18 85548 18	1.06 0.9 1.72 0.81 0.92 0.79 0.88 0.27 0.99 0.99 1.16 0.63 0.34 0.19 0.75 0.42	1.25 4.69E-0: 3.64 1.55E-0: 1.08 3.26E-0: 2.87 8.33E-0: 1.004 6.57E-0: 2.12 6.32E-0: 0.62 4.57E-0: 1.33 3.17E-0:	8.83E-01 False 6.52E-01 False 8.36E-01 False 9.27E-01 False 8.83E-01 False 8.83E-01 False 9.61E-03 True 8.36E-01 False	213543 22 175345 23 199834 24 213048 24 143940 26 213184 27 213542 28 213542 28 213542 28 38560 75237 80146 60,533 22 122,081	43 0.96 36 0.4 38 0.96 43 1.18	0.2 0.78 0.82 1.13 0.41 3.34 0.996 1.01 0.41 1.66 0.29 1.17 0.64 2.23	7.08E-01 9 7.43E-03 2 6.48E-01 9 7.58E-01 9 7.10E-01 9 5.89E-01 9 1.31E-01 8 5.84E-01 9	12E-01 False 08E-01 False 12E-01 False 12E-01 False 12E-01 False 12E-01 False 64E-01 False 12E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA NA NA NA 137893 NA	NA N	NA NA	NA NA	NA NA NA NA
x6164_3 x894	Duration of moderate activity	Binary Continuous	0.21	50 34	0.90 0.77 0.68 0.57 0.51 0.49 0.48	52 64		179320 422 1.004 0.22 1.23 9.08642 1.006-00 Fale   180844 533 0.39 0.55 1.03 5.886421 8.0060 Fale   180844 533 0.39 0.55 1.03 5.886421 8.0060 Fale   180877 442 1.0044 0.999 1.002 1.48640 1.336421 fale   180877 442 1.0044 0.999 1.002 1.48640 1.336421 fale   180877 442 1.0044 0.999 1.002 1.48640 1.336421 fale   180878 1.004 0.999 1.002 1.48640 1.336421 fale   180878 1.004 0.999 1.002 1.48640 1.28640 fale   180878 1.004 0.999 1.006 1.00640 1.00640 fale   180878 1.00640 1.00640 1.00640 1.00640 fale   180878 1.00640 1.00640 1.00640 fale   180878 1.00640 1.00640 fale   180878 1.00640 1.00640 fale   180878 1.00640	199849 155492	53 0.98 0.8 38 0.99 0.9	1.12 7.	9.44E-01 3E-01 5.93E-01	False False	188279 49 137670 36	0.88 0.27 0.999 0.99	2.87 8.33E-0: 1.004 6.57E-0:	9.27E-01 False 8.83E-01 False	e 213048 e 143940	43 1.18 30 1.001	0.41 3.34 0.996 1.01	7.58E-01 9 7.10E-01 9	12E-01 False 12E-01 False	NA NA	NA I	NA NA	NA	NA NA	NA NA	NA NA NA NA	NA NA NA NA NA NA 0.2 0.87	NA NA	NA NA NA NA
x894 x6179 1 x6162 1 x6179 100	Mineral or other dietary supplements- Fish oil  Types of transport used (excluding work)- car/motor vehicle	Binary Binary	0.12 0.13	87 76	0.51	71 72		158727 412 1.0004 0.999 1.002 5.84E-01 8.30E-01 False 218120 607 1.19 1.01 1.4 3.89E-02 2.5E-01 False 217793 606 0.83 0.69 1.004 5.47E-02 2.3E-01 False 218120 607 0.9 0.76 1.06 1.90E-01 4.66E-01 False	213556 213198	57 1.17 0.6 57 1.22 0.6	2.03 5.1	0E-01 8.04E-01 SE-01 8.04E-01	False False	188681 49 188403 49	1.16 0.63 0.34 0.19	1.004 6.57E-0: 2.12 6.32E-0: 0.62 4.57E-0: 1.33 3.17E-0:	8.83E-01 Falso 9.61E-03 True	e 213542 e 213184	43 0.82 43 0.59	0.41 1.66 0.29 1.17	5.89E-01 9 1.31E-01 8	12E-01 False .64E-01 False	NA NA NA NA	NA I	NA NA NA NA	NA NA	NA NA NA NA	NA 137893	NA NA NA NA 35 0.42 NA NA	NA NA 0.2 0.87	NA 1.96E-02	NA NA NA NA 1.96E-02 True
x6179_100 x1628	Mineral or other dietary supplements- None Alcohol intake versus 10 years previously	Binary Categorical	0.22	45 84	0.48	73 76	1 More nowadays	218120 607 0.9 0.76 1.06 1.90E-01 4.66E-01 False 39082 39 1 1 1	213556 38565	57 1.2 0: 9 1	2.06 5.0	6E-01 8.04E-01	False	188681 49 33166 7	0.75 0.42 1 1		8.36E-01 False	e 213542 38560	43 1.19 4 1	0.64 2.23 1 1			NA N	NA I	NA NA	NA .	NA NA			NA NA	NA	NA NA
							2 About the same 3 Less nowadays 1 Non-walkers/Less than 15 minutes	76369 39 1.05 0.83 1.33 9.14E-01 1.00E+00 False 81938 39 1.02 0.8 1.29	75238 80155	16 0.92 0.4 28 1.54 0.7	2.09 2.	10E-01 6.90E-01	False	65609 15 70533 26	1.1 0.45 1.69 0.73	2.7 2.78E-0: 3.91	8.36E-01 False	80146	15 2.04 19 2.26	0.67 6.15 0.77 6.67	2.64E-01 9	.01E-01 False	NA N	NA I	NA NA	NA.	NA NA	NA	NA NA	NA NA	NA	NA NA
x981	Duration walking for pleasure	Categorical	0.13	73	0.31	84	2 Between 15 min and 1.5 hrs	19062   39 1   1   1   1   1   1   1   1   1   1	60,544 122,088	9 1 16 0.92 0.4 28 1.54 0.7 18 1.00 1.0 28 0.77 0.4 8 1.09 0.4 3 1.11 0.3 10 1 28 0.87 0.4 17 0.82 0.3	3.27 1.00 1.40 7.90	E-01 9.30E-01	False	60,541 15 122,086 26	1 1 1 1.1 0.45 1.59 0.73 1.00 1.00 0.90 0.48 1.00 0.38 0.88 0.20 1 1 1 0.49 0.23 0.7 0.32	1.00 1.71 9.88E-0:	9.88E-01 False	60,533 122,081	30 1.001 43 0.82 43 0.59 43 1.19 4 1 15 2.04 19 2.26 7 1.00 21 1.61 8 3.12 5 5.34 5 1 23 1.63 10 1.11	1 1 0.67 6.15 0.77 6.67 1.00 1.00 0.68 3.80 1.12 8.71 1.67 17.10	2.62E-02 4	39E-01 False	NA N	NA I	NA NA	NA.	NA NA	NA.	NA NA	NA NA	NA.	NA NA
							3 Between 1.5 hrs and 3 hrs 4 Over 3 hrs 1 Never	24,634 64 0.89 0.66 1.19 9.065 39 1.40 0.98 1.99	24,578 9.029	8 1.09 0.4 3 1.11 0.3	2.53 3.80			24,576 6 9.028 2	1.00 0.38 0.88 0.20	2.58 3.87		24,578 9.031 29466 99158 63816	8 3.12 5 5.34	1.12 8.71 1.67 17.10												
x1369	Beef intake	Categorical	0.13	81	0.30	85	1 Never 2 Less than once 3 Once a week	30362 87 1 1 1 101261 284 0.87 0.68 1.11 2.17E-01 4.68E-01 False 64787 190 0.91 0.7 1.18	29471 99163	10 1 28 0.87 0.4	1 1 1 1.84 <sub>5</sub> , 7 1.83	0E-01 8.04E-01	False	26649 11 89548 18	1 1 0.49 0.23 0.7 0.32	1 1.06 2.70E-0:	8.36E-01 False	29466 99158	5 1 23 1.63 10 1.11	1 1 0.6 4.45 0.37 3.35	6.42E-01 9	.12E-01 False	NA N	NA I	NA NA	NA.	NA NA	NA.	NA NA	NA NA	NA.	NA NA
							3 Once a week 4 2-4 times a week or more	64787 190 0.91 0.7 1.18 22902 51 0.7 0.49 0.99	63823 22301	17 0.82 0.3 3 0.42 0.1	1.83 1.54			55795 16 17911 3	0.7 0.32 0.41 0.11	1.54		22302	10 1.11 4 1.28	0.37 3.35 0.34 4.92												
E - Cognitive and psychosocial fact x20023 x2050	Mean time to correctly identify matches	Continuous	0.45	27	0.75	47		218184 611 1.0004 0.9998 1.001 2.19E-01 4.68E-01 False	213784	58 0.9998 0.99	7 1.002 8.5	1E-01 9.64E-01	False	189037 49		1.003 5.62E-0:	8.83E-01 False	e 213769 150583 e 43317 6742 4356 e 210704 e 212545 e 205339 e 205959 e 214411 e 210220	43 0.997	0.99 1.0005	9.24E-02 8	.64E-01 False	NA N	NA I	NA NA	NA .	NA NA	NA .	NA NA	NA NA	NA	NA NA
x2050	Frequency of depressed mood in last 2 weeks	Categorical	0.42	28	1.36	17	Not at all     Several days     More than half the days	218184 611 1.0004 0.9998 1.001 2.19E-01 4.68E-01 False 153414 39 1 1 1 44125 39 0.78 0.62 0.98 9.37E-02 3.40E-01 False 7.126 39 0.57 0.38 1.19	150597 43317 6743	45 1 8 0.6 0.2	1 1 1 1.28 3.1 1 3.86	7.58E-01	False	133094 38 38275 9 NA NA	1 1 0.79 0.38 NA NA	1 1.64 8.00E-0:	9.27E-01 False	150583 a 43317	31 1 8 0.83 1 0.57	1 1 0.38 1.82	9.13E-01 9	70E-01 False	NA N	. NA I	NA NA	NA.	NA NA	NA.	NA NA	NA NA	NA.	NA NA
							3 More than half the days 4 Nearly every day	153444 39 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6743 4358	45 1 8 0.6 0.2 2 0.93 0.2 3 2.15 0.6 58 0.85 0. 57 1.23 0.6 57 0.8 0.4 57 1.16 0.6 59 0.95 0.4 55 0.68 0.3	3.86 7.01 1.45 5.5			NA NA 3828 1	NA NA 0.8 0.11		8.83E-01 False	6742 4356	1 0.57 1 0.91	0.38 1.82 0.08 4.22 0.12 6.75 0.46 1.63 0.58 2.29 0.45 1.8 0.45 1.52 0.26 2.06 0.4 1.41												
x1960 x6145_3	Fed-up feelings Death of a close relative in the last 2 years	Binary Binary	0.35 0.14	33 72	0.95	29 33		4566 39 1.01 0.56 1.85 151574 601 0.37 0.74 1.03 1.08E-01 3.57E-01 False 217079 601 0.36 0.71 1.06 1.60E-01 3.57E-01 False 200989 581 0.39 0.75 1.14 4.78E-01 7.72E-01 False 210572 596 1.0 0.83 1.39 1.58E-01 5.58E-01 False 210572 596 1.0 0.83 1.39 1.58E-01 5.58E-01 False 210572 596 1.0 0.83 1.39 1.58E-01 5.58E-01 False 214594 590 0.95 0.81 1.12 5.58E-01 8.38E-01 False 214594 590 0.95 0.81 1.12 5.58E-01 8.38E-01 False	210721 212559	58 0.85 0: 57 1.23 0.6	1.45 5. 2.22 4.	3E-01 8.04E-01 17E-01 8.04E-01	False False	186301 49 187795 49	0.86 0.48 1.36 0.73	5.87 1.53 6.05E-0: 2.54 3.27E-0: 1.37 2.84E-0: 1.69 8.90E-0: 1.71 3.48E-0: 1.49 5.58E-0:	8.83E-01 Falsa 8.36E-01 Falsa	e 210704 e 212545	41 0.87 43 1.15	0.46 1.63 0.58 2.29	6.66E-01 9 6.86E-01 9	12E-01 False 12E-01 False 12E-01 False 12E-01 False 12E-01 False 02E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA	NA NA	NA NA NA NA
x5145 3 x1940 x2000 x2100 x1920	Irritability Worry too long after embarrassment	Binary Binary Binary Binary Binary	0.14 0.17 0.13 0.13 0.17	61 78	0.70 0.62 0.58 0.40	49 62		217073 601 0.86 0.71 1.06 1.60E.01 4.34E.01 False 209693 581 0.39 0.76 1.14 4.79E.01 7.77E.01 False 210972 596 1.1 0.39 1.79 2.34E.01 5.08E.01 False 210972 596 0.9 0.7 1.16 4.05E.01 6.78E.01 False 214694 500 0.35 0.81 1.12 5.50E.01 8.36E.01 False	205354 205974	57 0.8 0.4 57 1.16 0.6	2.22 41 1.5 43 1.96 51 2.09 81 1.18 11	17E-01 8.04E-01 14E-01 8.04E-01 17E-01 8.04E-01 19E-01 9.64E-01 17E-01 6.39E-01	False False	181570 49 182113 49	0.68 0.34 0.96 0.55	1.37 2.84E-0: 1.69 8.90E-0:	8.36E-01 Falsa 8.36E-01 Falsa 9.27E-01 Falsa 8.36E-01 Falsa 8.83E-01 Falsa	e 205339 e 205959	43 1.15 42 0.9 42 0.83	0.45 1.8 0.45 1.52	7.70E-01 9 5.49E-01 9	12E-01 False 12E-01 False	NA N	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA NA NA	NA NA	NA NA NA NA
x2100 x1920	work uso ing and embarasamm.  Seen a psychiatrist for nerves, anxiety, tension or depression  Mood swings	Binary Binary	0.13 0.17	82 62	0.58	63 79		151444 39 1 1 1 1   1   1   1   1   1   1   1	4358 210721 212559 205354 205974 214427 210234	59 0.95 0.4 55 0.68 0.3	2.09 81	9.64E-01 67E-01 6.39E-01	False False False False False False	3828 1 186301 49 187795 49 181570 49 182113 49 189616 48 185858 49	0.8 0.11 0.86 0.48 1.36 0.73 0.68 0.34 0.96 0.55 0.61 0.22 0.84 0.48	153 6.05E-0: 2.54 3.27E-0: 1.37 2.84E-0: 1.69 8.90E-0: 1.71 3.48E-0: 1.49 5.58E-0:	8.836-01 Falsa 8.366-01 Falsa 9.276-01 Falsa 9.276-01 Falsa 8.366-01 Falsa 8.836-01 Falsa	e 214411 e 210220	1 0.97 41 0.87 43 1.15 42 0.9 42 0.83 43 0.73 41 0.75	0.12 6.75 0.46 1.63 0.58 2.29 0.45 1.8 0.45 1.52 0.26 2.06 0.4 1.41	6.66E-01 9 6.86E-01 9 7.70E-01 9 5.49E-01 9 5.56E-01 9 3.76E-01 9	12E-01 False 12E-01 False 12E-01 False 12E-01 False 12E-01 False 02E-01 False	NA N	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA NA NA	NA NA	NA NA NA NA
F - Physical measurements x3064	Peak expiratory flow (PEF)	Continuous Continuous	0.71	18	1.45	14				56 1.001 0.99	1.004 3.	9E-01 7.94E-01									7 955.01 0		NA N	NA I	NA NA	NA.	NA NA	NA NA	NA NA	NA NA	NA	NA NA
x3064 x20015 x50 x23099 x1697	Sitting height Standing height	Continuous Continuous	0.71 0.55 0.58 0.13 0.17	26 24	1.45 1.42 1.28 0.94 0.85	16 20		201748 557 0.999 0.998 1.0003 2.07E-01 4.66E-01 Falue 218554 666 1.07 0.98 1.17 1.00E-01 3.57E-01 Falue 219712 613 1.11 1.02 1.2 1.63E-02 1.47E-01 Falue 216586 604 0.999 0.99 1.01 9.02E-01 1.00E-00 Falue	213608 215149	56 1.001 0.99 57 1.24 0.9 59 1.24 0.9 58 1.01 0.9	1.004 3.1 1.63 1.1 1.61 1.1 1.05 6.1	99E-01 7.94E-01 15E-01 5.93E-01 10E-01 5.93E-01 12E-01 8.04E-01	False False False False	188758 49 190292 50	0.999 0.996 1.26 0.95 1.07 0.81 1.04 0.99	1.002 4.62E-0: 1.7 1.13E-0: 1.43 6.31E-0: 1.08 9.37E-0:	8.83E-01 Falsa 5.27E-01 Falsa 8.83E-01 Falsa 5.25E-01 Falsa	e 213594 e 215133	42 0.9995 43 1.13 43 1.05 42 0.98	0.996 1.003 0.83 1.55 0.77 1.44 0.94 1.03	4.34E-01 9 7.36E-01 9 4.24E-01 9	12E-01 False 12E-01 False 12E-01 False 12E-01 False	NA N	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA	NA NA	NA NA NA NA
x23099 x1697	Body fat percentage Comparative height size at age 10	Continuous Continuous Categorical	0.13	83 60	0.94	35	1 Shorter	121146   127   1	197626 213608 215149 215149 212104 45707 112999 52765 214981 215177 197626 201041 214602 214615 197626 201046 215190	58 1.01 0.9 12 1	1.05 6.0	9E-01 9.81E-01	False False	175052 44 188758 49 190292 50 187627 49 40431 39 99939 22 40435 50 190224 50 190224 50 190224 50 190224 50 184698 47 184698 47 188610 50 188618 50 18668 47 18668 47	0.999 0.996 1.26 0.95 1.07 0.81 1.04 0.99 1 1 1 0.699 0.35 0.89 0.41 1.15 0.9 1.02 0.99 1.02 0.99 1.02 0.99 1.02 0.99 1.02 0.98 1.01 0.99 1.02 0.98 1.01 0.99 1.02 0.98 1.01 0.99	1			42 0.98 12 1	0.94 1.03 1 1		12E-01 False 01E-01 False	NA N	NA I	NA NA	NA	NA NA	NA NA	NA NA	NA NA	NA	NA NA
							2 About average 3 Taller	4695   39   1   1   1   1   1   1   1   1   1	112999 52765	12 1 1 32 1.08 0.5 15 1.09 0.5 1.16 0.9 0.5 1.16 0.9 0.5 1.01 0.9	2.1 9.1 2.32 1.47 2.1 1.03 4.1 3.2 1.1		False	99939 22 46583 13	1 1 0.59 0.35 0.89 0.41 1.15 0.9 1.02 0.99 1.22 0.52 0.99 0.97 1.001 0.99 1.02 0.98 1.01 0.97 0.96 0.6 1.01 0.98			2 112991 52757	12 1 24 0.82 7 0.51 43 0.89 43 0.99 42 1.15 42 0.996 42 1.01 43 0.99 43 0.99 42 1.06 42 1.01	1 1 0.41 1.64 0.2 13 0.64 1.22 0.96 1.02 0.58 2.29 0.97 1.03 0.995 1.03 0.94 1.03 0.95 1.04 0.74 1.5 0.99 1.04 0.98 1.03			NA N	NA I	NA NA	NA .	NA NA	NA NA	NA NA	NA NA	NA .	NA NA
x21002 x49 x3137	Weight Hip circumference Number of measurements made	Continuous Continuous Continuous	0.31 0.16 0.19 0.13 0.14 0.18 0.15 0.13 0.23	35 66	0.82 0.76 0.75	41		1990   10   100	214981 215177	59 1.16 0.9 59 1.01 0.9	1.47 2.	12E-01 6-90E-01 10E-01 8.04E-01 14E-01 5-93E-01 17E-02 5.02E-01 13E-01 8.04E-01 17E-01 9-54E-01 19E-01 7-94E-01 12E-01 8.04E-01 18E-01 9-54E-01 10E-01 5-93E-01	False False False False False False False False False	190145 50 190324 50	1.15 0.9 1.02 0.99	1.98 2.71E-01 1.04 1.85E-01 2.42 5.64E-01 1.02 6.74E-01 1.02 8.53E-01 1.07 3.43E-01 1.06 6.90E-01 1.54 8.57E-01 1.03 6.59E-01 1.04 6.71E-01	8.36F-01 Falsa 7.39F-01 Falsa 8.83F-01 Falsa 8.83F-01 Falsa 8.83F-01 Falsa 8.83F-01 Falsa 8.36F-01 Falsa 8.83F-01 Falsa 8.83F-01 Falsa 4.34F-01 Falsa	e 214965 e 215161	43 0.89 43 0.99	0.64 1.22 0.96 1.02	4.64E-01 9 3.64E-01 9 6.88E-01 9 1.74E-01 8 5.70E-01 9 7.80E-01 9 3.65E-01 9 9.82E-01 9	12E-01 False 01E-01 False 12E-01 False 91E-01 False 91E-01 False	NA NA	NA I	VA NA VA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA NA NA	NA NA	NA NA NA NA
x3137 x4079 x4080	Diastolic blood pressure, automated reading	Continuous Continuous	0.19 0.13	54 75	0.75	45 51		201748 557 1.21 0.996 1.47 5.48E-02 2.39E-01 False 205556 588 1.0005 0.99 1.01 9.09E-01 1.00E+00 False	197626 201046	56 1.66 0.8 57 0.98 0.9	3.2 1: 1.002 6:	14E-01 5.93E-01 17E-02 5.02E-01	False False	175052 44 184698 47	1.22 0.62 0.99 0.97	2.42 5.64E-0: 1.02 6.74E-0:	8.83E-01 Falsa 8.83E-01 Falsa	e 197612 e 201031	42 1.15 42 0.996	0.58 2.29 0.97 1.03	7.93E-01 9	12E-01 False 12E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA	NA NA	NA NA NA NA
x4080 x46	Systolic blood pressure, automated reading Hand grip strength (left) Hand drip strength (left)	Continuous Continuous Continuous Continuous Continuous	0.14	57	0.70 0.64 0.63 0.57	61		205555 588 1.0005 0.99 1.01 9.095-01 1.005-00 False 205551 588 0.998 0.99 1.002 2.745-01 5.775-01 False 219559 611 0.996 0.98 1.01 5.065-01 8.005-01 False 219274 612 0.99 0.98 1.01 2.485-01 4.915-01 False 219274 617 0.99 0.98 1.01 2.485-01 4.915-01 False 201448 557 0.99 0.97 1.12 8.47-01 9.985-01 False	214602	59 1.01 0.9	1.01 4.	35-01 8.045-01 175-01 9.545-01	False	184696 47 189810 50	1.001 0.99	1.02 8.53E-0: 1.07 3.43E-0:	9.275-01 Falsa 8.36E-01 Falsa	e 201026 e 214586	42 1.01	0.995 1.03	1.74E-01 8 5.70E-01 9	12E-01 False	NA NA NA NA	NA I	VA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x47 x3062	Hand grip strength (right) Forced vital capacity (FVC) Pulse rate, automated reading	Continuous	0.15	77	0.57 0.56 0.56 0.35	66		250506 588 1.0005 699 1.02 3006-01 1.007-00 Fabr 250551 588 0.098 0.99 1.02 274-01 5.517-02 Fabr 219163 611 0.996 0.98 1.01 5.066-01 8.006-01 Fabr 219174 617 0.99 0.98 1.01 5.066-01 8.006-01 Fabr 219174 617 0.99 0.98 1.01 2.466-01 8.006-01 Fabr 219174 617 0.99 0.99 1.01 2.466-01 8.006-01 Fabr 219174 617 0.99 0.99 1.01 2.466-01 8.006-01 Fabr 219174 617 0.99 0.99 0.90 1.01 8.016-01 8.076-01 Fabr 219784 618 0.998 0.99 0.00 56 611-01 8.714-01 Fabr	214616 197626	59 1.02 0.9 56 1.07 0.8	1.002 6.5 1.002 6.5 1.01 4.6 1.05 8.6 1.06 3.6 1.139 6.5 1.139 6.5 1.139 6.5 1.139 6.5	9E-01 7.94E-01 12E-01 8.04E-01	False	189818 50 175052 44	0.96 0.6	1.54 8.57E-0:	9.27E-01 False	e 214600 e 197612	43 0.99	0.74 1.5	7.62E-01 9	12E-01 False 12E-01 False	NA	NA I	NA NA NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA NA NA	NA NA	NA NA
x102 x48	Putse rate, automated reading Waist circumference	Continuous Continuous	0.24	41	0.35	82		205556 588 1.003 0.996 1.01 4.03t-01 6.78t-01 False 219761 613 0.998 0.99 1.005 6.31t-01 8.71t-01 False	215190	59 1.02 0.99	1.02 8	8E-01 9.64E-01 10E-01 5.93E-01	False	184698 4/ 190335 50	1.01 0.98	1.04 6.71E-03	8.835-01 Falsa 4.345-01 Falsa	e 201031 e 215174	43 1.0003	0.99 1.04	9.82E-01 9				NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
G - Health and medical history x20004_1355	Operation code: bilateral oophorectomy Mother still alive	Binary Binary	9.39	2	8.10	2			NA 212094	NA NA NA	NA 159 7	NA NA	NA Extra	NA NA	NA NA	NA NA		NA 212029	NA NA 43 0.7 34 0.99	NA NA	NA 3.10E-01 9 2.38E-01 9 5.04E-02 6	NA NA .01E-01 False .01E-01 False .43E-01 False	180498 47 NA NA NA NA NA NA	8 0.22 0. 1 NA 1	11 0.42 NA NA NA NA	6.396-06	1.60E-05 True	NA NA	NA NA	NA NA	NA NA	NA NA
x20004_1335 x1835 x200011 x20010_101 x20004_1480 x1807 x1797 x6153_5	Mother still alive Interpolated Ase of participant when operation took place Illnesses of mother - none (group 2 diseases*)	Continuous	9.39 2.41 0.12 0.20 0.15 0.63 0.36 0.39 0.25 0.22 0.18 0.16	86 52	2.09 1.11 0.97	26 31		200802   646   0.2   0.11   0.37   1.744-07   2.786-66   Toe   1.754-07   0.320   0.75   1.74-07   1.754-07   0.320   0.75   1.754-07   0.320   0.32	NA 212094 170137 202937 215683 151098 209831 NA 151254 213339 215683 NA	NA N	1.68 7.1 1.02 9.1 7 2.04 8.1 8 4.96 1.1 7 1.02 5.3 8 3.85 2.1 NA 1.04 3.1 8 2.99 2.2 1.125 3.1	MA NA	NA False False False False False False False False	187578 50 150526 40 179402 49 190781 50 135912 36 185548 50 NA NA 135072 42 188481 49 190781 50 NA NA	NA NA 0.92 0.48 1.02 0.496 0.75 0.4 0.9 0.22 0.996 0.77 1.16 0.56 NA NA NA 1.002 0.98 0.46 0.16 0.93 0.77 NA NA NA	1.77 8.14E-0: 1.04 1.05E-0: 1.4 3.64E-0: 3.73 8.83E-0: 1.01 3.38E-0: 2.37 6.94E-0: NA NA 1.02 8.90E-0:	NA NA 9.27E-01 False 5.36E-01 False 1. 8.36E-01 False 1. 9.27E-01 False 1. 9.27E-01 False 1. 8.36E-01 False	e 212079 e 157939 e 202921	NA NA 43 0.7 34 0.99 40 0.52	NA NA 0.35 1.39 0.97 1.01 0.27 1.001	2.38E-01 9	.01E-01 False .01E-01 False .43E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x20004_1480	Operation- Wisdom teeth surgery Father's age at death	Continuous Binary Binary Continuous	0.15	70	0.97	32		220302 616 0.65 0.38 1.12 1.19E-01 3.57E-01 False	215683	59 1.96 0.7	4.96 1	4E01 6.14E01	False False	190781 50	0.9 0.22	3.73 8.83E-0:	9.27E-01 Falsa 9.36E-01 Falsa	e 154396				665.01 Esko	NA N	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x1797	Father's age at ceaus Father still alive Medication-Oral contraceotive oill	Binary Binary Continuous Binary Continuous Binary	0.36	32	0.68 0.67 0.64	56		10000000   10000000000000000000000000	209831 NA	58 2.04 1.0	3.85 2.1 NA	19E-02 4.04E-01	False NA	185548 50 NA AIA	1.16 0.56 NA NA	3.73 8.83E-0: 1.01 3.38E-0: 2.37 6.94E-0: NA NA 1.02 8.90E-0: 1.33 1.53E-0: 1.12 4.38E-0:	8.83E-01 False	e 154296 e 209816 212907 e 151244 e 213325 e 215667	28 0.98 43 1.02 43 0.58 29 0.98 43 1.5 43 0.98 NA NA	0.95 1.01 0.49 2.12 0.08 4.3 0.96 1.01 0.63 3.56 0.8 1.19 NA NA	1.26E-01 8 9.52E-01 9 5.93E-01 9 1.77E-01 8 3.56E-01 9 8.12E-01 9	.64E-01 False .87E-01 False .12E-01 False .64E-01 False .01E-01 False .02E-01 False .NA NA	NA NA NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
		Continuous	0.25	39	0.64	59		154593 448 1.002 0.996 1.01 4.75E-01 7.72E-01 False	151254	39 1.01 0.9	1.04 3.0	3E-01 7.94E-01	False	NA NA 135072 42	1.002 0.98	1.02 8.90E-0:	NA NA 9.27E-01 Falsa	e 151244	29 0.98	0.96 1.01	1.77E-01 8 3.56E-01 9	64E-01 False 01E-01 Ealse	NA N	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x6149_6 x136 x20004_1507	Mouth/teeth dental problems- Dentures Number of operations, self-reported Operation- Ectocic premains surgery	Continuous	0.18	55	0.43 0.36 0.26	81		220302 616 0.95 0.9 0.996 3.31E-02 2.05E-01 False 220302 616 0.33 0.08 1.31 1.15E-01 3.57E-01 False	215683 NA	59 1.07 0.9 NA NA NA	1.25 3.4 NA	NA NA 63E-01 7.94E-01 74E-01 7.94E-01 9E-01 7.94E-01 NA NA	False NA	190781 50 NA NA	0.93 0.77 NA NA	1.33 1.53E-0: 1.12 4.38E-0: NA NA	6.52E-01 Falsa 8.83E-01 Falsa NA NA	e 215667	43 1.5 43 0.98 NA NA	0.8 1.19 NA NA	8.12E-01 9	22E-01 False NA NA	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
H - Biomarkers x30870	Trielynerides	Continuous	l	37	1.93	9																	NA N	NA I	NA NA	NA.	NA NA	NA NA	NA NA	NA NA	NA.	NA NA
x30650 x30050	Aspartate aminotransferase Mean corpuscular haemoglobin	Continuous	0.30 0.55 0.660 1.144 0.20 0.67 0.21 0.27 0.27 0.23 0.38 0.38 0.33 0.23 0.18 0.37 0.37 0.31 0.33 0.33 0.33 0.33 0.33 0.33 0.33	68 23	1.59 1.52	10 12		205124 579 0.87 0.77 0.98 2.46E-02 1.78E-01 False	201563 200960 200520 200579 200579 183034 204818 204818 205200 201536 201520 20	54 0.98 0.05 56 1.18 1.05 56 0.81 0.52 56 0.85 0.85 57 0.85 0.85 58 0.	1.11 1.	566-01 9,646-01 155-60 1 9,646-01 155-60 1 598-60 1 1598-60 1 156-	Falce	177776 48 177756 48 177756 48 181453 47 179915 47 181071 47 181071 47 181071 47 181071 47 181452 47 183227 49 187784 48 17784 48 17784 48 17784 48 17784 48 17784 48 17784 48 17784 48 17784 48 17784 48 17784 48 17784 47 18108 45 17784 47 18108 45 17784 47 18108 45 17784 47 18108 47 17784 47 18108 48 17784 47 18108 48 17784 47 18108 48 17784 47 18108 48 17784 47 18108 48 17784 47 18108 48	106 082 082 071 059 084 100 088 063 063 063 063 063 063 063 063 063 073 087 088 073 087 087 088 073 087 088 073 087 088 088 073 087 088 089 089 089 089 087 079 089 089 089 089 087 079 089 089 089 089 087 079 089 089 089 089 089 089 089 089 089 08	1.39 6.485.0: 1.27 8.570.4 0.86 4.325.0- 0.88 4.325.0- 0.84 1.33 4.015.0: 1.34 4.795.0: 1.34 4.795.0: 1.36 2.275.0 1.37 4.785.0: 1.37 4.785.0: 1.38 2.35.0: 1.27 4.785.0: 1.31 1.35 5.55.0: 1.31 1.35 5.55.0: 1.32 9.55.0: 1.33 9.395.0: 1.34 9.255.0: 1.35 5.55.0: 1.36 9.995.0: 1.37 4.285.0: 1.38 5.55.0: 1.39 9.995.0: 1.31 1.35 5.55.0: 1.34 9.255.0: 1.35 5.55.0: 1.36 6.595.0: 1.26 6.595.0: 1.26 6.595.0: 1.26 6.595.0: 1.26 6.595.0: 1.26 6.595.0: 1.26 1.25 6.595.0: 1.26 1.25 6.595.0: 1.26 1.25 6.595.0: 1.27 1.25 6.595.0: 1.26 1.25 6.595.0: 1.27 1.25 6.595.0: 1.26 1.25 6.595.0: 1.27 1.25 6.595.0: 1.26 1.25 6.595.0: 1.27 1.25 6.595.0: 1.26 1.25 6.595.0: 1.27 1.25 6.595.0: 1.26 1.25 6.595.0: 1.27 1.25 6.595.0: 1.25 6	8.856-01 Falat 9.276-01 Falat 9.816-89 Twen 4.756-82 Twen 8.816-01 Falat 8.816-01 Falat 8.816-01 Falat 8.816-01 Falat 8.816-01 Falat 8.816-01 Falat 9.276-01 Falat 9.276-01 Falat 9.276-01 Falat 8.816-01 Falat 8.816-01 Falat 8.816-01 Falat 8.816-01 Falat 9.276-01 Falat 8.816-01 Falat	as 186447 as 18586 a 18589 a 18589 a 18587 as 169277 as 204804 as 204804 as 204804 as 205150 as 205150 as 205150 as 205250 as 205150 as 205250 as 186559 as 186549 as 204804 as	42 109 42 114 43 114 44 103 36 104 42 0.75 44 0.75 44 109 44 109 44 109 44 0.91 44 109 44 0.91 44 0.91 44 0.91 44 0.91 44 0.91 44 0.91 45 0.91 46 1.09 47 0.91 48 1.09 48 1.09 49 1.09 40 1.09 41 0.92 42 1.11 43 1.10 44 1.10 45 1.10 46 1.10 47 1.10 48 1.10 48 1.10 49 1.10 40 1.10 41 1.10 42 1.10 43 1.10 44 1.10 45 1.10 46 1.10 47 1.10 48 1.10 48 1.10 49 1.10 40 1.10 41 1.10 42 1.10 43 1.10 44 1.10 45 1.10 46 1.10 47 1.10 48 1.10 49 1.10 40 1.10 40 1.10 41 1.10 42 1.10 43 1.10 44 1.10 45 1.10 46 1.10 47 1.10 48 1.10 48 1.10 49 1.10 40 1.10 40 1.10 41 1.10 42 1.10 43 1.10 44 1.10 45 1.10 46 1.10 47 1.10 48 1.10 48 1.10 49 1.10 40 1.10 40 1.10 40 1.10 40 1.10 40 1.10 40 1.10 41 1.10 42 1.10 43 1.10 44 1.10 45 1.10 46 1.10 47 1.10 48 1.10 49 1.10 40	0.82 1.44 0.79 1.37 0.52 1.50 0.59 1.50 0.59 1.50 0.59 1.50 0.59 1.50 0.59 1.50 0.59 1.50 0.68 1.53 0.9 1.56 0.82 1.46 0.85 1.35 0.91 1.51 0.79 1.51 0.81 1.43 0.68 1.26 0.89 1.37 0.81 1.51 0.79 1.51 0.89 1.37 0.81 1.51 0.75 1.34 0.99 1.75 1.51 0.89 1.75 1.75 0.89 1.75 1.75 0.89 1.75 1.75 0.89 1.75 1.75 1.75 0.75 1.75 1.75 0.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1	5.68E-01 92 2.24E-01 82 2.24E-01 87 7.74E-01 97 7.74E-	125-01 Fabre 125-01 Fabre 155-01 Fabre 155-01 Fabre 155-01 Fabre 155-01 Fabre 125-01 Fabre	NA NA	NA I	NA NA	NA NA	NA NA NA NA	NA 132671 129371 NA NA NA 132670	NA NA 34 0.73	NA NA 0.57 0.94 0.28 0.63	NA 1.64E-02	NA NA 1.96E-02 True
<b>x30770</b> x30740	Insulin-like growth factor 1 (IGF-1)	Continuous Continuous	1.14 0.20	12 51	1.44 1.24 0.99	15 22		204732 578 0.94 0.86 1.03 1.81E-01 4.66E-01 False 188556 523 0.99 0.9 1.08 7.89E-01 9.81E-01 False 200016 578 0.99 0.9 1.08 7.42E-01 9.35E-01 False	200579 183034	54 1.16 0.8 51 0.92 0.6	1.51 2 1.28 6 1.13 2	71E-01 7.42E-01 16E-01 8.04E-01	False False	176915 48 161250 45	0.61 0.44 1.09 0.89	0.84 2.83E-05 1.33 4.01E-05	4.75E-02 True 8.83E-01 False	e 185553 e 169277	42 1.03 36 1.04	0.76 1.4 0.79 1.37	8.52E-01 9 7.74E-01 9	35E-01 False 12E-01 False	NA NA NA NA	NA I	NA NA	NA NA	NA NA NA NA	129371 NA	NA NA 34 0.73 34 0.42 NA NA		1.64E-02 2.38E-05 NA NA	1.96E-02 True 1.19E-04 True NA NA
x104500 x109700 x10970	Glucose Eosinophil percentage Monocyte percentage	Continuous	0.67 0.21	19	0.99	30 34		2021   233	204818 204818	56 0.81 0.5 56 0.86 0.6	1.13 2:	SSE-01 S.93E-01 S.93E-01 P.50E-02 S.95E-01 P.42E-01 P.42E	False False	181071 47 181071 47	0.88 0.63 0.93 0.66	1.24 4.79E-0:	8.83E-01 False 8.83E-01 False	e 204804 e 204804	42 0.77 42 0.75	0.52 1.15 0.5 1.12	1.99E-01 8 1.53E-01 8	125-01 Falue 556-01 Falue 135-01 Falue 135-01 Falue 135-01 Falue 135-01 Falue 135-01 Falue 145-01 Falue	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x30070 x30270	Red blood cell (erythrocyte) distribution width	Continuous	0.27	38 85	0.91	36 37		209016 578 0.99 0.91 1.08 8.70E-01 1.00E+00 False 209407 578 1.02 0.94 1.12 5.88E-01 8.30E-01 False 205606 571 0.96 0.88 1.04 3.01E-01 5.35E-01 False 209407 578 0.95 0.87 1.03 2.20E-01 4.68E-01 False	205200 201516	56 1.19 1.0 56 0.82 0.6	1.2 3/ 1.41 4: 1.07 1/ 1.3 9:	1E-02 4.25E-01 7E-01 6.14E-01	False False	181452 47 177842 47	131 1.17 1.05 0.79	1.46 2.27E-00	8.835-01 Falso   1.905-04 Trust   9.205-01 Falso   9.205-01 Falso   1.215-01 Falso   1.215-01 Falso   9.275-01 Falso   9.27	e 205186	42 0.71 41 1.16	0.48 1.06 0.88 153	9.53E-02 8 2.93E-01 9	.64E-01 False .01E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	132670 NA	34 1.29 NA NA	1.11 1.5 NA NA	1.03E-03 NA	2.57E-03 True
x30040 x30520	Mean corpuscular volume Potassium in urine	Continuous	0.38	31 58	0.83	40		209407 578 0.95 0.87 1.03 2.20E-01 4.68E-01 False 211773 590 1.04 0.96 1.13 2.87E-01 5.26E-01 False	205200	56 0.996 0.7 57 0.86 0.6	13 9	75E-01 9.81E-01 16E-01 7.58E-01	False False	181452 47 183227 49	0.73 0.57 1.3 1.01	0.94 1.30E-03	1.21E-01 False 3.01E-01 False	e 205186 e 207355	42 1.22 42 1.09	0.9 1.66 0.82 1.46	2.01E-01 8 5.51E-01 9	.64E-01 False .12E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x30720 x30710	Cystatin C C-reactive protein	Continuous	0.23	43	0.75	46 50		205858 580 0.998 0.92 1.08 9.58E-01 1.00E+00 False 205503 581 0.998 0.92 1.08 9.96E-01 1.00E+00 False	201678 201329	54 1.08 0.9 54 1.12 0.9	5 1.14 3.1 1 1.28 3.1 3 1.34 2.3 1 1.16 2.1 1 1.41 6.3 1 1.33 8.3 1 1.51 2.1 8 1.31 8.1	10E-01 7.97E-01 14E-01 7.01E-01	False False	177881 48 177564 48	1.03 0.8	1.33 8.10E-0: 1.32 9.25E-0:	9.27E-01 Falsa 9.47E-01 Falsa	e 186557 e 186725	42 0.95 42 0.91	0.65 1.38 0.61 1.35	7.89E-01 9 6.38E-01 9	12E-01 False 12E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA	NA NA	NA NA
x30620 x30860	Alanine aminotransferase Total protein	Continuous Continuous Continuous Continuous	0.18 0.17	56 59	0.68	53		205558         580         0.998         0.92         1.08         9.586-01         1.000-00         False           205540         9.91         0.92         1.08         9.96-01         1.000-00         False           205849         582         0.28         0.79         0.98         2.054-02         1.815-01         False           20640         58         0.998         0.92         1.09         4.976-01         1.000-00         False           20901         578         0.92         0.94         0.997         4.216-02         2.056-01         False           209560         57         1.03         0.94         1.12         5.816-01         8.306-01         False	201668 183059	54 0.77 0.5 51 1.07 0.8	1.16 2.1	77E-01 6.90E-01	False False	177876 48 161249 45	0.87 0.6 0.98 0.73	1.27 4.78E-0: 1.31 8.73E-0:	8.83E-01 Falsa 9.27E-01 Falsa	e 186549 e 169789	42 1.09 36 1.09	0.91 1.31 0.79 1.51	3.44E-01 9 5.83E-01 9	01E-01 False 12E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA NA NA	NA NA	NA NA	NA NA
x30120 x30280	Lymphocyte count Immature reticulocyte fraction	Continuous Continuous Continuous Continuous Continuous Continuous	0.17	63	0.63	60		200631 378 80.02 0.04 0.097 4.316-02 2.00621 Fabr.	204815	56 1.02 0.7 56 1.15 0.0	1.33 8.	SE-01 9.64E-01	False False	181068 47 177841 42	0.77 0.56	1.06 1.07E-0:	5.26E-01 False 1.20E-01 False	e 204801	42 1.08	0.81 1.43	5.97E-01 9	12E-01 False 12E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x30750 x30200	Glycated haemoglobin (HbA1c) Neutrophil percentage	Continuous	0.13	79 74	0.52	69		200613 578 0.32 0.84 0.997 4.215-02 2.205-01 False 50555 571 1.03 0.94 1.12 5.515-01 8.305-01 False 204541 573 0.32 0.82 1.002 5.485-02 7.385-01 False 204541 573 0.32 0.82 1.002 5.485-02 7.385-01 False 204561 573 0.31 0.82 1.13 1.575-01 4.84-02 False 3.10 0.82 1.13 1.13 0.13 0.13 0.13 0.13 0.13 0.13	200901	55 0.98 0.7 56 132 10	131 81	18E-01 9.64E-01	False False	177264 48	1.07 0.85	1.06 1.07E-0: 1.92 9.99E-0: 1.35 5.61E-0: 1.74 9.25E-0: 1.09 6.36E-0: 1.26 6.59E-0: 1.25 6.54E-0:	8.83E-01 False 5.75E-01 Entre	e 200888	42 111	0.89 1.37	3.52E-01 9	01E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x30290 x30760	High light scatter reticulocyte percentage HDL cholesterol	Continuous	0.24	40	0.48 0.41 0.40	78		209016 578 1.06 0.98 1.15 1.57E-01 4.34E-01 False 205506 571 1.002 0.94 1.07 9.51E-01 1.00E-00 False 186989 523 1.01 0.93 1.11 7.34E-01 9.35E-01 False 205854 582 1.02 0.94 1.1 7.00E-01 9.33E-01 False	201516	56 1.02 0.9	1.74 4: 1.12 7:	iSE-02 4.25E-01 i3E-01 9.44E-01 !1E-01 8.04E-01 i6E-01 8.04E-01	False False	177842 47 161361 45	1.02 0.95	1.09 6.36E-0:	5.25E-01 Falsa 8.83E-01 Falsa 8.83E-01 Falsa 8.83E-01 Falsa	e 201501	41 1.002	0.75 1.34	9.91E-01 9	91E-01 False 64E-01 False	NA NA	NA I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
x30/00 x30690	HDL Cholesterol Cholesterol Engineehil count	Continuous	0.16	67 65	0.32	83		186989 523 1.01 0.93 1.11 7.34E-01 9.35E-01 False 205854 582 1.02 0.94 1.1 7.00E-01 9.33E-01 False 205854 582 1.02 0.94 1.07 7.00E-01 9.33E-01 False	201673	54 0.92 0.6	1.19 4 1.22 5	66-01 8.046-01	False Exico	177882 48	0.93 0.7	1.25 6.54E-0:	8.83E-01 False	e 186557	42 153	1.15 2.05	3.94E-03 1	.66E-01 False	NA NA	NA I	VA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	en annuage or annual to	commodus			0.30			3.33001 Palse	-0-0-2	0.5 0.0	43			-32000 4/	Jan 0.73	2.085-0.	e-serva Pelle	1 204001	74 V.01	14	2.22.74 3						.00 165			1 /64		

\* Group 2 diseases = Parkinson's disease, severe depression, lung cancer, bowel cancer, breast cancer
Additional abbreviations: LCI lower confidence interval. OC ovarian cancer. OR odds ratio. UCI upper confidence interval.

**Supplementary Table 7.** Sensitivity analysis results of excluding incident cases reported within the first two years after the baseline assessment for the features which were associated in the main analysis. Odds ratios and 95% confidence intervals are from the basic adjusted models (adjusted for age, ethnicity, assessment centre, year of attending the centre, and Townsend deprivation index). The features sitting height, standing height and weight are in standard deviations. Age when last used oral contraceptive pill has been scaled by dividing by five.

						All	(no lag)				2 year	lag analy	sis	
	Feature ID	Feature description	Level Level Description	OC group	N	Cases	OR	LCI	UCI	N	Cases	OR	LCI	UCI
A - Baseline & personal														
characteristics	x21022	Age at recruitment		All OC	221461	1441	1.05	1.05	1.06	221269	1249	1.05	1.05	1.06
				Serous OC	220636	616	1.09	1.08	1.10	220560	540	1.09	1.07	1.10
B - Female-specific factors	x2804	Age when last used oral contraceptive pill		All OC	161865	930	0.92	0.88	0.96	161750	815	0.92	0.87	0.96
				Serous OC	161306	371	0.98	0.96	0.99	161263	328	0.88	0.81	0.95
	x2734	Number of live births		All OC	220752	1438	0.86	0.83	0.90	220560	1246	0.87	0.83	0.91
				Clear Cell OC	190432	50	0.55	0.42	0.71	190423	41	0.59	0.45	0.79
	x2784	Ever taken oral contraceptive pill		All OC	220271	1433	0.74	0.66	0.84	220079	1241	0.77	0.67	0.88
				Serous OC	219453	615	0.70	0.59	0.84	219377	539	0.71	0.58	0.86
C - Sociodemographics	x61412	People in household- son and/or daughter		All OC	219365	1428	0.76	0.66	0.87	219174	1237	0.75	0.65	0.87
D - Lifestyle and environment	x981	Duration walking for pleasure	1 Non-walkers/Less than 15 minutes	All OC	60,909	383	1.00	1.00	1.00	60,858	332	1.00	1.00	1.00
			2 Between 15 min and 1.5 hrs		122,853	793	1.03	0.91	1.16	122,746	686	1.03	0.90	1.17
			3 Between 1.5 hrs and 3 hrs		24,715	145	0.88	0.72	1.07	24,695	125	0.88	0.71	1.08
			4 Over 3 hrs		9,115	89	1.41	1.12	1.78	9,106	80	1.47	1.15	1.88
D - Lifestyle and environment	x61621	Types of transport used (excluding work)- ca	ar/motor vehicle	Clear Cell OC	188403	49	0.34	0.19	0.62	188394	40	0.43	0.22	0.85
E - Cognitive and psychosocial														
factors	x1960	Fed-up feelings		All OC	215979	1406	0.87	0.78	0.97	215792	1219	0.89	0.80	1.01
F - Physical measurements	x20015	Sitting height		All OC	218965	1417	1.13	1.07	1.20	218778	1230	1.16	1.09	1.23
	x50	Standing height		All OC	220534	1435	1.13	1.07	1.20	220344	1245	1.14	1.08	1.21
	x21002	Weight		All OC	220366	1432	1.08	1.03	1.14	220176	1242	1.09	1.03	1.15
	x3137	Number of measurements made		All OC	202492	1301	1.21	1.06	1.37	202318	1127	1.21	1.05	1.38
G -Health and medical history	x200041355	Operation code: bilateral oophorectomy		All OC	221126	1440	0.21	0.14	0.31	220934	1248	0.22	0.15	0.34
				Serous OC	220302	616	0.20	0.11	0.37	220226	540	0.23	0.13	0.43
G -Health and medical history	x20011	Interpolated Age of participant when operat		All OC	174210	1170	1.00	0.99	1.00	174057	1017	0.99	0.99	1.00
G -Health and medical history	x20110101	Illnesses of mother - none (group 2 diseases	)	All OC	207783	1354	0.85	0.76	0.96	207603	1174	0.85	0.74	0.97
H - Biomarkers	x30650	Aspartate aminotransferase		All OC	205892	1347	0.89	0.82	0.96	205715	1170	0.86	0.79	0.94
	x30620	Alanine aminotransferase		All OC	206618	1351	0.89	0.83	0.96	206441	1174	0.90	0.83	0.97
	x30770	Insulin-like growth factor 1 (IGF-1)		Clear Cell OC	176989	48	0.61	0.44	0.85	176906	39	0.62	0.43	0.89
	x30070	Red blood cell (erythrocyte) distribution wid	th	All OC	210186	1357	1.09	1.04	1.15	210004	1175	1.09	1.04	1.15
				Clear Cell OC	181458	47	1.31	1.17	1.46	181443	38	1.30	1.13	1.48
	x30040	Mean corpuscular volume		All OC	210186	1357	0.92	0.87	0.97	210004	1175	0.91	0.85	0.96
	x30050	Mean corpuscular haemoglobin		All OC	210186	1357	0.93	0.88	0.98	210004	1175	0.90	0.85	0.96
	x30050	Mean corpuscular haemoglobin		Clear cell OC	181453	47	0.71	0.59	0.86	181444	38	0.79	0.60	1.04
	x30200	Neutrophil percentage		All OC	209794	1356	1.08	1.03	1.14	209612	1174	1.09	1.03	1.15

Abbreviations: LCI lower confidence interval, OC ovarian cancer, OR odds ratio, UCI upper confidence interval.

								Ovarian cancer		(High grad	Serous OC de and low grade sero	ous OC)		Endometrioid OC			Clear Cell OC		(In	Mucinous OC	:)
		Ехр	osure			No. of		25509 cases, 40941 control	-	1404	9 cases, 40941 contri		280	7 cases, 40941 con		13	366 cases, 40941 contro		1417	7 cases, 40941 contr	
Category	Trait description	Source	Exposure ID	Author	Sample Size	SNPs Meti	hod O		(MR-Egger)	OR LCI	UCI p-value Ir	(MR-Egger)	OR LCI	UCI p-value	Intercept p-value (MR-Egger)	OR LCI	UCI p-value	(MR-Egger)	OR LCI	UCI p-value	(MR-Egger)
B - Female-specific factors	Age at menopause	ukb	ukb-b-17422	Ben Elsworth	143819	102 IVV MR-E		.12 1.02 1.23 1.80E-02 .15 0.94 1.42 1.80E-01	7.85E-01	1.08 0.97 1.08 0.86	1.21 1.40E-01 1.36 5.10E-01	9.74E-01	1.47 1.23 1.37 0.94	1.75 1.80E-05 2.01 1.00E-01	6.95E-01	1.07 0.83 1.85 1.07	1.39 6.00E-01 3.21 2.80E-02	2.73E-02	0.90 0.70 1.18 0.69	1.15 3.90E-01 2.01 5.40E-01	2.53E-01
		consortia	ieu-a-1004	Felix Day	69360	35 IVV MR-E	gger 1	.03 1.00 1.06 6.90E-02 .07 1.00 1.15 5.60E-02	2.04E-01	1.02 0.99 1.04 0.97	1.05 2.50E-01 1.11 2.70E-01	4.90E-01	1.09 1.02 1.13 0.98	1.16 6.70E-03 1.31 9.70E-02	5.74E-01	1.05 0.96 1.26 1.05	1.14 2.90E-01 1.53 1.70E-02	3.11E-02	1.00 0.92 1.00 0.81	1.09 9.70E-01 1.23 1.00E+00	9.83E-01
	Number of live births	ukb	ukb-b-1209	Ben Elsworth	250782	10 IVV MR-E	gger 111	.81 0.26 2.53 7.10E-01 .63 0.00 1.71E+07 4.00E-01	3.80E-01		3.16 9.80E-01 25E+07 2.50E-01	2.50E-01		1.40 1.30E-01 .12E+08 6.10E-01	5.10E-01	0.31 0.09 0.11 0.00	1.10 6.90E-02 1.13E+05 7.30E-01	8.70E-01		5.95 9.90E-01 .29E+09 7.90E-01	7.90E-01
	Number of children	consortia	ieu-b-4760	Clare Horscroft	460654	7 IVV	gger 2	.05 0.52 2.14 8.90E-01 .17 0.02 237.14 7.10E-01	7.30E-01		2.68 6.90E-01 234.20 9.90E-01	9.60E-01		1.06 5.80E-02 .99E+03 6.00E-01	8.10E-01	<b>0.09 0.01</b> 943.63 0.00	0.89 3.90E-02 1.43E+09 3.10E-01	1.80E-01		<b>94.12 2.50E-02</b> .79E+06 9.60E-01	6.80E-01
	Age at first birth	consortia	ebi-a-GCST90000050	Melinda Mills	542901	54 IVV MR-E	gger 1	.05 0.98 1.12 2.00E-01 .18 0.89 1.57 2.40E-01	3.80E-01	1.02 0.94 1.15 0.81	1.10 7.10E-01 1.63 4.30E-01	4.70E-01	1.06 0.92 1.07 0.59	1.23 3.90E-01 1.95 8.10E-01	9.80E-01	1.35 1.12 1.25 0.57	1.63 1.70E-03 2.73 5.70E-01	8.40E-01	1.01 0.84 0.90 0.42	1.22 9.00E-01 1.95 7.90E-01	7.60E-01
D - Lifestyle and environment	Female infertility Omega-3 fatty acids	FinnGen ukb	finn-b-N14_FEMALEINFERT met-d-Omega_3	NA Maria Borges	NG 114999	1 Wald	N 0	.26 0.92 1.71 1.50E-01 .95 0.87 1.03 2.30E-01	NA	1.07 0.74 0.94 0.86	1.53 7.30E-01 1.04 2.40E-01	NA	1.90 0.99 0.89 0.77	3.67 5.40E-02 1.04 1.50E-01		2.67 1.10 0.88 0.73	<b>6.47 2.90E-02</b> 1.05 1.50E-01	NA	1.84 0.76 1.05 0.86	4.49 1.80E-01 1.29 6.10E-01	NA
		consortia	met-c-855	Johannes Kettunen	13544	6 IVV	N 0	.94 0.83 1.07 3.40E-01 .87 0.77 0.97 1.60E-02	8.73E-01	0.95 0.82 0.88 0.77	1.09 4.40E-01 1.00 5.40E-02	9.32E-01	0.81 0.66 0.77 0.60	1.01 6.30E-02 0.99 4.10E-02		0.86 0.66 0.68 0.48	1.11 2.50E-01 0.97 3.10E-02		1.07 0.80 0.89 0.63	1.43 6.70E-01 1.26 5.30E-01	9.20E-01
	Omega-6 fatty acids	ukb	met-d-Omega_6	Maria Borges	114999	58 IVV	N 1	.65 0.38 1.12 1.30E-01 .10 0.98 1.22 9.30E-02	2.53E-01	0.65 0.35 1.05 0.94	1.21 1.70E-01 1.18 3.60E-01	2.93E-01	0.37 0.12 1.28 1.06	1.17 1.00E-01 1.56 1.20E-02		0.67 0.13 0.95 0.75	3.36 5.70E-01 1.21 7.00E-01	9.73E-01	1.07 0.22 1.30 0.99	5.35 9.20E-01 1.69 5.50E-02	7.86E-01
		consortia	met-c-856	Johannes Kettunen	13506	13 IVV	N   1	.97 0.79 1.19 7.80E-01 .09 1.00 1.19 5.20E-02	1.73E-01	0.98 0.79 1.07 0.98	1.22 8.40E-01 1.17 1.50E-01	4.28E-01	0.84 0.59 1.16 0.97	1.20 3.40E-01 1.37 9.60E-02		0.97 0.62 1.02 0.80	1.53 9.00E-01 1.29 8.90E-01		1.67 1.01 1.30 1.03	2.78 4.80E-02 1.65 2.90E-02	2.40E-01
	Ratio of omega-6 fatty acids to omega-3 fatty acids	ukb	met-d-Omega_6_by_Omega_3	Maria Borges	114999	38 IVV	N 1	.91 0.73 1.12 3.40E-01 .08 0.98 1.19 1.10E-01	6.55E-02	0.97 0.76 1.06 0.95	1.24 8.10E-01 1.19 2.60E-01	3.81E-01	0.85 0.53 1.23 1.06	1.35 4.70E-01 1.43 7.70E-03		0.82 0.43 1.14 0.95	1.57 5.30E-01 1.37 1.60E-01	4.57E-01	1.23 0.65 1.01 0.81	2.33 5.00E-01 1.26 9.20E-01	8.35E-01
	Alcohol intake versus 10 years previously	ukb	ukb-b-3460	Ben Elsworth	428117	13 IVV	N 1	.05 0.92 1.21 4.30E-01 .25 0.61 2.53 5.40E-01	5.65E-01	1.04 0.90 1.97 0.76	1.21 5.80E-01 5.12 1.60E-01	6.66E-01	1.23 1.00 0.42 0.08	1.51 5.50E-02 2.19 3.00E-01		1.15 0.89 0.92 0.09	1.48 2.70E-01 8.98 9.40E-01	9.15E-01	1.03 0.76 0.78 0.09	1.39 8.60E-01 6.78 8.20E-01	8.75E-01
	Alcoholic drinks per week	consortia	ieu-b-73	Mengzhen Liu	335394	32 IVV		.23 0.90 43.15 6.60E-02 .80 0.55 1.17 2.50E-01	7.57E-02	16.02 1.68 0.77 0.50	152.66 2.20E-02 1.17 2.10E-01	5.01E-02	0.99 0.01 1.00 0.51	1.97 9.90E-01		12.34 0.02 0.77 0.36	8195.78 4.20E-01 1.65 5.00E-01	3.68E-01	0.38 0.00 1.07 0.44	226.72 7.50E-01 2.63 8.80E-01	7.97E-01
	Duration of walks	ukb	ukb-b-16998	Ben Elsworth	395831	MR-E		.67 0.37 1.20 1.70E-01 .69 0.95 3.01 7.60E-02	3.92E-01	0.54 0.28 1.79 0.92	1.01 5.40E-02 3.49 8.70E-02	1.32E-01	1.33 0.45 3.16 0.90	3.89 5.90E-01 11.06 7.20E-02		0.73 0.22 1.48 0.23	2.46 6.10E-01 9.53 6.80E-01	9.14E-01	1.42 0.32 0.51 0.09	6.26 6.30E-01 2.88 4.50E-01	6.16E-01
	Accelerometer-based physical activity measurement (average accele.	rat consortia	ebi-a-GCST006099	Yann Klimentidis	91084	8 IVV		.19 0.10 13.81 8.80E-01 .00 0.85 1.18 9.60E-01	7.50E-01	1.69 0.10 1.01 0.85	28.20 6.90E-01 1.20 9.50E-01	9.60E-01	7.00 0.04 : 0.99 0.83	1362.48 4.40E-01 1.17 8.70E-01		0.00 0.00 0.98 0.82	7.93 1.40E-01 1.16 8.20E-01	1.10E-01	1.45 0.00 2 1.08 0.91	2303.73 9.20E-01 1.27 3.90E-01	7.60E-01
	Moderate to vigorous physical activity levels	consortia	ebi-a-GCST006097	Yann Klimentidis	377234	19 IV		.49 0.63 3.53 3.30E-01 .10 0.66 1.84 7.10E-01	3.20E-01	1.42 0.55 1.00 0.56	3.70 4.30E-01 1.77 9.90E-01	4.20E-01	1.81 0.78 1.28 0.48	4.19 1.50E-01 3.41 6.20E-01		1.13 0.42 1.20 0.31	3.07 7.80E-01 4.72 7.90E-01	7.40E-01	1.47 0.60 1.39 0.32	3.60 3.60E-01 6.09 6.60E-01	4.40E-01
	Vigorous physical activity	consortia	ebi-a-GCST006098	Yann Klimentidis	261055	7 IVV		.47 0.05 4.50 4.90E-01 .40 0.10 1.59 1.90E-01	4.20E-01	0.22 0.02 0.27 0.05	2.53 2.10E-01 1.58 1.50E-01	2.00E-01	1.46 0.02 1.63 0.11	106.37 8.60E-01 25.00 7.30E-01		4.96 0.01 0.41 0.01	1961.05 5.80E-01 14.10 6.20E-01	6.20E-01	15.18 0.02 10 2.59 0.08	0883.61 4.00E-01 83.57 5.90E-01	4.40E-01
E - Cognitive and psychosocial factors	Major Depressive Disorder	consortia	ieu-a-1187	Naomi Wray	480359	MR-E	_	.16 0.00 1.78E+08 3.90E-01 .07 0.91 1.25 4.30E-01	3.20E-01	7.59 0.00 1.1 1.07 0.89	17E+09 8.10E-01 1.29 4.90E-01	6.90E-01	2.55E+06 0.00 5 0.94 0.67	.28E+17 2.40E-01 1.33 7.20E-01		96.65 0.00 0.84 0.52	1.96E+17 7.70E-01 1.37 4.90E-01	7.30E-01	0.01 0.00 6. 1.66 1.03	50E+12 7.40E-01 2.67 3.70E-02	7.00E-01
	Fed-up feelings	ukb	ukb-b-19809	Ben Elsworth	453071	53 IVV		.72 0.74 3.99 2.00E-01 .52 0.69 3.34 3.00E-01	2.46E-01	1.66 0.62 1.62 0.66	4.47 3.00E-01 3.94 2.90E-01	3.61E-01	3.51 0.57 2.53 0.70	21.52 1.70E-01 9.15 1.60E-01		1.55 0.12 0.86 0.13	19.85 7.30E-01 5.52 8.70E-01	6.23E-01	0.31 0.03 1.48 0.21	3.67 3.40E-01 10.37 6.90E-01	1.69E-01
	Feeling fed-up	consortia	ebi-a-GCST006947	Mats Nagel	374971	MR-E		.97 2.96 4860.72 1.20E-02 .67 0.95 2.92 7.30E-02	1.90E-02	258.10 3.94 1.6 1.67 0.89	69E+04 1.00E-02 3.14 1.10E-01	1.60E-02	44.23 0.08 2 2.47 0.93	.47E+04 2.40E-01 6.51 6.90E-02	3.60E-01	21.51 0.00 1.27 0.36	2.13E+05 5.10E-01 4.43 7.10E-01	4.80E-01	912.11 0.07 1. 2.60 0.82	24E+07 1.60E-01 8.25 1.00E-01	1.70E-01
F - Physical measurements	Comparative height size at age 10	ukb	ukb-a-35	Ben Neale		MR-E	gger 8	.89 0.53 148.25 1.20E-01 .06 0.95 1.19 3.10E-01	2.20E-01	15.61 0.69 1.02 0.90	355.33 8.30E-02 1.16 7.50E-01	1.50E-01	0.74 0.00 1.02 0.81	110.84 9.00E-01 1.28 8.70E-01	6.20E-01	0.74 0.00 1.84 1.34	487.77 9.30E-01 2.51 1.30E-04	8.60E-01	4.06 0.01 1 0.98 0.74	1625.27 6.30E-01 1.31 9.10E-01	8.80E-01
,	Standing height	ukb	ukb-b-10787	Ben Elsworth	461950	710 IV		.30 0.98 1.72 6.50E-02 .08 1.00 1.16 4.70E-02	1.16E-01	1.21 0.88 1.03 0.94	1.67 2.30E-01 1.12 5.30E-01	2.42E-01	1.19 0.67 1.12 0.97	2.10 5.60E-01 1.30 1.30E-01		2.12 0.97 1.45 1.18	4.61 5.90E-02 1.79 4.10E-04	6.93E-01	0.77 0.38 1.13 0.93	1.58 4.80E-01 1.38 2.10E-01	4.70E-01
	Height	consortia	ieu-a-89	Andrew Wood	253288	MR-E		.10 0.95 1.28 2.10E-01 .02 0.96 1.08 4.70E-01	7.50E-01	1.07 0.89 0.99 0.93	1.28 4.80E-01 1.06 8.70E-01	6.50E-01	1.08 0.80 1.01 0.90	1.45 6.20E-01 1.14 8.70E-01	7.70E-01	1.47 0.96 1.36 1.15	2.23 7.40E-02 1.61 3.40E-04	9.60E-01	1.08 0.73 0.99 0.85	1.61 6.90E-01 1.17 9.40E-01	7.90E-01
	Sitting height	ukb	ukb-b-16881	Ben Elsworth	461536	MR-E	gger 1	.10 0.94 1.29 2.10E-01 .04 0.95 1.13 4.00E-01	2.90E-01	1.12 0.93 0.98 0.88	1.35 2.20E-01 1.08 6.40E-01	1.70E-01	0.88 0.64 1.14 0.97	1.22 4.50E-01 1.35 1.10E-01	3.80E-01	1.20 0.76 1.41 1.11	1.89 4.40E-01 1.78 4.80E-03	5.50E-01	1.10 0.71 1.11 0.88	1.69 6.70E-01 1.40 3.60E-01	6.30E-01
	Sitting height ratio	consortia	ieu-a-1070	Yingleong Chan	21590	MR-E	gger 1	.07 0.87 1.31 5.30E-01 .86 0.65 1.15 3.10E-01	7.70E-01	1.03 0.81 0.82 0.61	1.30 8.10E-01 1.11 2.00E-01	6.20E-01	1.04 0.71 0.84 0.51	1.53 8.30E-01 1.37 4.90E-01	6.00E-01	1.26 0.73 1.02 0.53	2.18 4.10E-01 1.94 9.60E-01	6.60E-01	0.92 0.54 0.75 0.34	1.57 7.70E-01 1.67 4.80E-01	4.50E-01
	Comparative body size at age 10	ukb	ukb-b-4650	Ben Elsworth	454718	204 IV	gger 3	.74 0.16 89.49 3.70E-01 .11 0.94 1.30 2.20E-01	3.30E-01		127.62 2.40E-01 1.24 7.90E-01	2.10E-01		3585.68 6.20E-01 1.85 1.30E-01	5.80E-01	25.12 0.01 1.04 0.65	79290.82 3.80E-01 1.66 8.70E-01	3.80E-01		9098.71 8.60E-01 3.12 8.20E-03	9.00E-01
	Childhood obesity	consortia	ieu-a-1096	Jonathan Bradfield	13848	MR-E	gger 1	.65 1.17 2.33 4.20E-03 .06 0.98 1.14 1.40E-01	9.72E-03	1.32 0.89 1.01 0.93	1.97 1.70E-01 1.10 7.40E-01	1.53E-01	2.27 1.09 1.11 0.94	4.74 2.90E-02 1.31 2.10E-01	9.58E-02	2.07 0.77 1.17 0.94	5.61 1.50E-01 1.46 1.60E-01	1.23E-01	4.79 1.72 1.26 0.95	13.37 2.90E-03 1.67 1.10E-01	4.76E-02
	Weight	ukb	ukb-b-11842	Ben Elsworth	461632	454 IV	gger 1	.23 0.54 2.77 5.60E-01 .14 1.04 1.26 8.10E-03	6.62E-01	1.24 0.48 1.08 0.97	3.18 5.90E-01 1.21 1.70E-01	6.15E-01	2.57 0.43 1.31 1.08	15.30 2.80E-01 1.60 6.60E-03	3.19E-01	4.02 0.33 1.23 0.95	49.11 2.60E-01 1.59 1.10E-01	3.02E-01	0.21 0.02 1.35 1.03	2.41 2.20E-01 1.76 2.90E-02	1.76E-01
	Weight	consortia	ieu-a-107	Joshua Randall	73137	10 IVV	gger 1	.45 1.13 1.87 3.70E-03 .08 0.90 1.29 4.10E-01	4.10E-02	1.22 0.92 0.94 0.73	1.64 1.70E-01 1.22 6.60E-01	3.60E-01	1.78 1.07 1.24 0.81	2.95 2.60E-02 1.90 3.30E-01	2.00E-01	2.61 1.35 1.05 0.54	5.06 4.40E-03 2.02 8.90E-01	1.50E-02	2.35 1.19 2.00 1.16	4.62 1.40E-02 3.43 1.20E-02	8.00E-02
	Whole body fat mass	ukb	ukb-b-19393	Ben Elsworth	454137	396 IV	gger 2	.17 0.94 5.05 7.40E-02 .16 1.05 1.27 2.50E-03	9.30E-02	2.13 0.72 1.12 1.01	6.27 1.60E-01 1.26 3.90E-02	1.20E-01	4.65 0.74 1.32 1.08	29.09 9.90E-02	1.40E-01	10.87 0.77 0.98 0.75	153.79 8.00E-02 1.29 9.10E-01	7.70E-02	0.91 0.07 1.26 0.96	11.33 9.40E-01 1.64 9.60E-02	4.90E-01
	whole body fat mass	consortia	ieu-a-999	Yingchang Lu	100716	10 IVV	gger 1	.10 1.03 1.27 2.50E-03 .32 1.02 1.72 3.70E-02 .13 0.87 1.46 3.50E-01	2.82E-01	1.14 0.84 1.03 0.77	1.56 4.00E-01 1.39 8.20E-01	9.11E-01	1.88 1.08 1.28 0.56	3.30 2.70E-02 2.95 5.60E-01	1.80E-01	1.66 0.78 2.18 1.01	3.54 1.90E-01 4.73 4.80E-02	1.49E-01	3.01 1.42 1.99 0.93	6.35 4.00E-03 4.25 7.70E-02	1.44E-02
	Trunk fat mass	ukb	ukb-b-20044	Ben Elsworth	454588	380 IV	gger 1	.61 0.42 6.13 4.50E-01 .14 1.04 1.25 6.20E-03	5.63E-01	1.78 0.38 1.10 0.99	8.36 4.30E-01 1.23 7.40E-02	4.47E-01	0.22 0.00 1.24 1.01	18.56 4.70E-01 1.53 4.10E-02	3.94E-01	10.54 0.18 1.09 0.84	608.51 2.30E-01 1.42 5.20E-01	4.01E-01	0.55 0.01 1.24 0.96	30.02 7.50E-01 1.60 1.00E-01	4.86E-01
		ukb	ukb-b-6704	Ben Elsworth	454757	395 IVV	gger 1	.14 1.04 1.25 0.20E-03 .33 1.02 1.73 3.70E-02 .16 1.05 1.28 2.80E-03	2.30E-01	1.15 0.85 1.12 1.00	1.57 3.70E-01 1.26 4.30E-02	7.74E-01	1.74 0.96 1.37 1.12	3.13 6.70E-02 1.66 1.70E-03	2.35E-01	1.84 0.87 0.98 0.75	3.92 1.10E-01 1.28 8.90E-01	1.44E-01	2.89 1.41 1.19 0.91	5.92 3.90E-03 1.55 2.00E-01	1.35E-02
	Arm fat mass (right)  Arm fat mass (left)	ukb	ukb-b-8338	Ben Elsworth	454684	387 IVV	gger 1	.24 0.95 1.62 1.10E-01 .15 1.05 1.27 4.30E-03	5.91E-01	1.07 0.78 1.11 0.99	1.46 6.70E-01 1.25 6.30E-02	7.34E-01	1.69 0.99 1.30 1.07	2.88 5.40E-02 1.58 7.80E-03	4.01E-01	1.85 0.88 1.01 0.76	3.85 1.00E-01 1.33 9.60E-01	7.04E-02	2.86 1.40 1.17 0.90	5.87 4.10E-03 1.53 2.40E-01	9.88E-03
	Leg fat mass (right)	ukb	ukb-b-18096	Ben Elsworth	454846	379 IVV	gger 1	.30 1.00 1.70 5.30E-02 .25 1.10 1.42 4.20E-04	3.33E-01	1.11 0.99 1.13 0.83 1.25 1.09	1.54 4.50E-01 1.44 2.00E-03	9.26E-01	1.96 1.15 1.31 1.02	3.34 1.40E-02 1.67 3.40E-02	1.07E-01	1.77 0.82 0.84 0.60	3.79 1.40E-01 1.16 2.90E-01	1.22E-01	2.63 1.26 1.42 1.02	5.46 9.70E-03 1.97 3.70E-02	2.04E-02
		ukb	ukb-b-7212	Ben Elsworth		381 IVV	gger 1	.20 0.84 1.71 3.10E-01 .29 1.15 1.46 3.40E-05	8.09E-01	0.96 0.64 1.29 1.12	1.43 8.30E-01 1.48 4.50E-04	1.63E-01	2.19 1.09 1.32 1.03	4.41 2.80E-02 1.68 2.60E-02	1.20E-01	1.80 0.71 0.91 0.65	4.54 2.20E-01 1.27 5.90E-01	8.43E-02	3.34 1.32 1.48 1.06	8.45 1.10E-02 2.08 2.20E-02	5.32E-02
	Leg fat mass (left)  Basal metabolic rate		ukb-b-16446	Ben Elsworth		494 IVV	gger 1	.20 0.85 1.69 3.10E-01 .24 1.10 1.39 3.80E-04	6.31E-01	0.94 0.63 1.17 1.03	1.41 7.80E-01 1.33 1.90E-02	1.03E-01	2.34 1.18 1.44 1.14	4.65 1.60E-02 1.83 2.60E-03	8.10E-02	1.63 0.63 1.46 1.05	4.19 3.10E-01 2.03 2.60E-02	1.99E-01	3.94 1.53 1.44 1.07	10.16 4.70E-03 1.96 1.80E-02	3.08E-02
		ukb				MR-E	gger 1	.35 1.02 1.79 3.90E-02	5.14E-01	1.22 0.89	1.67 2.10E-01	7.50E-01	1.38 0.77	2.46 2.70E-01	8.71E-01	2.04 0.92	4.53 8.00E-02	3.63E-01	1.82 0.88	3.78 1.10E-01	4.91E-01
	Body fat percentage	ukb	ukb-b-8909 ebi-a-GCST003435	Ben Elsworth	454633 65831	358 IVV MR-E <sub> </sub> 10 IVV	gger 1	.28 1.13 1.46 1.70E-04 .61 1.06 2.45 2.50E-02 .13 0.87 1.46 3.50E-01	2.56E-01	1.23 1.05 1.30 0.80 1.03 0.77	1.43 9.00E-03 2.13 2.90E-01 1.39 8.20E-01	7.95E-01	1.35 1.02 2.71 1.11 1.28 0.56	1.78 3.40E-02 6.62 2.90E-02 2.95 5.60E-01	1.07E-01	1.00 0.69 2.97 0.90 <b>2.18 1.01</b>	1.45 9.90E-01 9.84 7.50E-02 4.73 4.80E-02	6.08E-02	1.80 1.25 3.32 1.03 1.99 0.93	2.59 1.50E-03 10.67 4.40E-02 4.25 7.70E-02	2.79E-01
	Trunk fat percentage	ukb	ukb-b-16407	Yingchang Lu  Ben Elsworth		354 IVV	gger 1		5.63E-01	1.78 0.38 1.23 1.08	8.36 4.30E-01 1.39 1.40E-03	4.47E-01	0.22 0.00 1.34 1.05	18.56 4.70E-01	3.94E-01	10.54 0.18 1.16 0.85	608.51 2.30E-01 1.59 3.60E-01	4.01E-01	0.55 0.01 1.76 1.29	30.02 7.50E-01 2.40 3.50E-04	4.86E-01
	Arm fat percentage (right)	ukb	ukb-b-12854	Ben Elsworth	454789	360 IV	gger 1		9.28E-01	1.08 0.72 1.24 1.05	1.61 7.10E-01 1.46 9.50E-03	5.09E-01	1.56 0.72 1.34 1.03	3.34 2.60E-01 1.74 3.20E-02	6.83E-01	2.19 0.80 1.00 0.70	6.00 1.30E-01 1.44 1.00E+00	1.93E-01	4.07 1.52 1.60 1.10	10.92 5.30E-03 2.31 1.30E-02	7.90E-02
	Arm fat percentage (right)  Arm fat percentage (left)	ukb	ukb-b-20188	Ben Elsworth		361 IVV	gger 1	.26 0.83 1.91 2.70E-01 .24 1.08 1.42 2.00E-03	9.92E-01	1.00 0.62 1.16 0.99	1.62 9.90E-01 1.36 5.90E-02	3.51E-01	2.76 1.26 1.47 1.12	6.06 1.10E-02 1.93 5.60E-03	5.38E-02	2.08 0.71 1.10 0.77	6.15 1.80E-01 1.57 6.00E-01	1.57E-01	3.03 1.01 1.73 1.20	9.08 4.80E-02 2.51 3.60E-03	2.23E-01
	Leg fat percentage (right)	ukb	ukb-b-20531	Ben Elsworth		MR-E	gger 1	.52 1.01 2.27 4.30E-02 .27 1.08 1.51 4.70E-03	2.89E-01	1.28 0.80 1.24 1.02	2.06 3.00E-01 1.51 3.00E-02	6.65E-01	2.92 1.29 1.29 0.91	6.59 1.00E-02 1.84 1.50E-01	8.00E-02	1.40 0.48 0.80 0.50	4.10 5.40E-01 1.28 3.60E-01	6.43E-01	4.76 1.57 1.82 1.11	14.41 5.90E-03 2.96 1.70E-02	5.77E-02
	Leg fat percentage (left)	ukb	ukb-b-18377	Ben Elsworth		340 IVV	gger 1	.19 0.68 2.08 5.40E-01 .30 1.10 1.55 2.30E-03	8.02E-01	0.88 0.46 1.30 1.07	1.68 6.90E-01 1.58 9.40E-03	2.70E-01	3.34 1.05 1.38 0.98	10.57 4.10E-02 1.94 6.90E-02	9.13E-02	4.17 0.88 0.70 0.43	19.70 7.20E-02 1.14 1.50E-01	2.93E-02	2.00 0.39 1.92 1.16	10.12 4.00E-01 3.16 1.10E-02	9.05E-01
						MR-E	gger 1	.43 0.81 2.54 2.20E-01	7.34E-01	1.15 0.59	2.21 6.80E-01	7.00E-01	3.65 1.15	11.53 2.80E-02	8.17E-02	3.20 0.63	16.11 1.60E-01	5.41E-02	2.61 0.49	14.00 2.60E-01	7.06E-01
	Waist circumference	ukb	ukb-b-9405	Ben Elsworth		343 IVV MR-E <sub>1</sub> 40 IVV	gger 1	.17	4.16E-01	1.12 0.98 1.00 0.68 1.26 0.97	1.29 9.30E-02 1.48 9.80E-01 1.62 7.80E-02	5.41E-01	1.45 1.15 2.51 1.30 2.18 1.40	1.83 1.50E-03 4.83 6.10E-03 3.40 5.50E-04	8.08E-02	0.91 0.66 2.29 0.91 1.13 0.64	1.26 5.80E-01 5.75 7.70E-02 1.97 6.80E-01	3.61E-02	1.35 0.97 3.96 1.56 1.91 1.14	1.87 7.80E-02 10.06 4.00E-03 3.19 1.30E-02	1.56E-02
	His circumforance		ieu-a-61	Dmitry Shungin	232101	MR-E	gger 1	.21 0.59 2.47 5.90E-01	7.37E-01	0.95 0.38	2.37 9.00E-01	5.17E-01	5.72 1.19	27.54 3.10E-02	2.04E-01	1.42 0.19	10.86 7.30E-01	8.11E-01	2.96 0.47	18.55 2.40E-01	6.18E-01
	Hip circumference	ukb	ukb-b-15590	Ben Elsworth	462117	380 IVV MR-E <sub>1</sub>	gger 1	.22 1.11 1.34 6.00E-05 .34 1.02 1.75 3.40E-02	4.67E-01	1.21 1.08 1.15 0.85	1.35 7.80E-04 1.56 3.60E-01	7.54E-01	1.36 1.12 1.80 1.05	1.65 1.60E-03 3.07 3.10E-02	2.73E-01	1.10 0.84 2.06 0.99	1.43 5.00E-01 4.32 5.50E-02	7.18E-02	1.27 0.98 1.95 0.95	1.64 7.30E-02 4.00 6.80E-02	2.07E-01
	Contribution	consortia	ieu-a-49	Dmitry Shungin	213038	49 IVV MR-E	gger 1		9.10E-01	1.17 0.98 1.06 0.63	1.39 8.00E-02 1.80 8.20E-01	7.02E-01	1.61 1.12 2.10 0.70	2.31 9.90E-03 6.30 1.80E-01	6.11E-01	1.18 0.78 2.38 0.66	1.81 4.40E-01 8.57 1.80E-01	2.49E-01	2.02 1.33 2.15 0.61	3.06 9.40E-04 7.59 2.30E-01	9.12E-01
	Systolic blood pressure	ukb	ukb-b-20175	Ben Elsworth		226 IVV MR-E	gger 0	.96 0.84 1.10 5.30E-01 .71 0.47 1.07 9.90E-02	1.26E-01	1.01 0.86 0.81 0.50	1.18 8.80E-01 1.30 3.80E-01	3.30E-01	0.93 0.72 0.57 0.27	1.20 5.60E-01 1.24 1.60E-01	1.94E-01	0.83 0.59 0.21 0.07	1.17 2.80E-01 0.59 3.20E-03	6.01E-03	0.83 0.59 0.98 0.35	1.17 2.80E-01 2.77 9.70E-01	7.37E-01
		consortia	ieu-b-4818	Laurence Howe	97656	17 IVV MR-E	gger 0	.99 0.98 1.00 1.70E-01 .94 0.88 1.00 7.00E-02	1.13E-01	0.99 0.98 0.97 0.89	1.01 4.30E-01 1.04 3.50E-01	4.31E-01	0.98 0.95 0.82 0.69	1.02 4.30E-01 0.97 2.50E-02	3.31E-02	0.97 0.94 0.89 0.74	1.01 1.50E-01 1.08 2.40E-01	3.62E-01	1.03 0.99 1.17 0.96	1.07 1.80E-01 1.44 1.20E-01	1.79E-01
	Diastolic blood pressure	ukb	ukb-b-7992	Ben Elsworth	436424	240 IVV MR-E	gger 0	.97 0.86 1.11 6.80E-01 .65 0.44 0.96 3.20E-02	3.36E-02	0.94 0.81 0.58 0.37	1.09 4.30E-01 0.93 2.30E-02	3.26E-02	0.93 0.73 0.79 0.37	1.19 5.70E-01 1.71 5.50E-01	6.63E-01	1.30 0.93 1.11 0.39	1.82 1.30E-01 3.18 8.40E-01	7.58E-01	0.99 0.71 0.75 0.27	1.38 9.50E-01 2.12 5.90E-01	5.83E-01
		consortia	ieu-b-39	Evangelos Evangelou		423 IVV MR-E	gger 0	.99 0.98 1.00 1.90E-01 .98 0.95 1.00 7.60E-02	1.71E-01	0.99 0.98 0.98 0.95	1.00 2.00E-01 1.01 2.30E-01	4.54E-01	0.99 0.97 <b>0.95 0.91</b>	1.01 1.50E-01 1.00 4.90E-02	1.27E-01	0.99 0.97 0.99 0.93	1.02 6.90E-01 1.06 7.60E-01	8.77E-01	1.00 0.97 1.00 0.94	1.02 8.30E-01 1.07 9.50E-01	8.70E-01
	Pulse rate	ukb	ukb-b-15892	Ben Elsworth	151546	69 IVV MR-E	gger 1	.09 0.97 1.22 1.40E-01 .16 0.86 1.56 3.40E-01	6.75E-01	1.04 0.92 1.18 0.84	1.19 5.20E-01 1.68 3.30E-01	4.36E-01	1.30 1.01 1.48 0.75	1.67 4.30E-02 2.91 2.50E-01	6.72E-01	1.51 1.07 1.16 0.46	<b>2.13 1.80E-02</b> 2.89 7.50E-01	5.29E-01	1.23 0.88 1.22 0.50	1.73 2.30E-01 3.02 6.60E-01	9.91E-01
	Hand grip strength (right)	ukb	ukb-b-10215	Ben Elsworth	461089	161 IVV MR-E	gger 0	.97 0.75 1.26 8.30E-01 .89 0.34 2.35 8.20E-01	8.60E-01	0.98 0.73 0.81 0.27	1.32 9.00E-01 2.41 7.10E-01	7.20E-01	0.82 0.50 0.62 0.10	1.35 4.50E-01 3.86 6.10E-01	7.48E-01	1.26 0.64 0.74 0.06	2.50 5.10E-01 9.28 8.10E-01	6.65E-01	1.51 0.80 0.50 0.05	2.84 2.00E-01 5.14 5.60E-01	3.31E-01
	Hand grip strength (left)	ukb	ukb-b-7478	Ben Elsworth		147 IVV MR-E	gger 1	.90 0.69 1.16 4.20E-01 .00 0.36 2.72 9.90E-01	8.35E-01	0.86 0.63 1.10 0.33	1.17 3.40E-01 3.62 8.80E-01	6.78E-01	0.91 0.54 0.80 0.10	1.53 7.10E-01 6.17 8.30E-01	9.06E-01	0.87 0.45 3.16 0.25	1.68 6.80E-01 40.74 3.70E-01	3.04E-01	1.68 0.85 0.16 0.01	3.35 1.40E-01 2.20 1.70E-01	6.77E-02
	Number of [spirometric] measurements made	ukb	ukb-b-3376	Ben Elsworth	421986	5 IVV MR-E	gger 0	.10 0.12 9.73 9.30E-01 .08 0.00 34848.99 6.50E-01	6.30E-01	0.03 0.00 7.2	19.89 8.70E-01 26E+07 6.90E-01	7.10E-01		64.69 7.30E-01 .71E+10 5.90E-01	6.20E-01	19.01 0.00	964687.39 2.30E-01 7.61E+26 9.10E-01	9.20E-01	0.09 0.00 1.	1378.37 8.40E-01 .02E+16 8.90E-01	8.50E-01
	Peak expiratory flow (PEF)	ukb	ukb-b-12019	Ben Elsworth	421986	122 IVV MR-E	N 0	.93 0.73 1.18 5.50E-01 .76 0.33 1.73 5.00E-01	6.05E-01	0.92 0.70 0.72 0.28	1.21 5.70E-01 1.84 4.90E-01	5.85E-01	1.09 0.68 0.69 0.14	1.75 7.30E-01 3.53 6.60E-01		1.17 0.67 1.37 0.21	2.04 5.80E-01 9.17 7.40E-01		0.64 0.34 0.44 0.05	1.18 1.50E-01 3.57 4.40E-01	7.15E-01
	Forced vital capacity (FVC)	ukb	ukb-b-7953	Ben Elsworth	421986	292 IVV MR-E	N 1	.01 0.85 1.19 9.20E-01 .80 0.50 1.28 3.50E-01	2.96E-01	0.94 0.77 0.61 0.35	1.15 5.40E-01 1.04 7.10E-02	8.85E-02	1.10 0.83 1.44 0.66	1.46 4.90E-01 3.12 3.50E-01	4.66E-01	2.09 1.43 2.21 0.78	<b>3.06 1.40E-04</b> 6.27 1.40E-01	9.14E-01	0.94 0.64 0.58 0.21	1.37 7.40E-01 1.66 3.10E-01	3.38E-01
		consortia	ieu-b-105	Daniel Higbee	353315	258 IVV MR-E	N 0	.98 0.83 1.16 7.90E-01 .72 0.45 1.13 1.50E-01	1.52E-01	0.93 0.76 0.60 0.35	1.13 4.60E-01 1.03 6.50E-02	9.02E-02	1.11 0.84 0.85 0.41	1.45 4.70E-01 1.77 6.60E-01		1.85 1.27 1.95 0.69	<b>2.71 1.50E-03</b> 5.49 2.10E-01		0.83 0.58 0.74 0.27	1.21 3.30E-01 2.03 5.60E-01	8.12E-01
1	Forced expiratory volume in 1-second (FEV1)	ukb	ukb-b-19657	Ben Elsworth	421986	235 IV		.95 0.78 1.15 5.90E-01		0.91 0.73	1.14 4.00E-01		1.12 0.81	1.57 4.90E-01		1.81 1.20	2.72 4.40E-03		0.69 0.45	1.06 9.00E-02	

## PARTICIPATION   PARTICIPATI	1	1																					
Tennament with with with with with with with wit			consortia	ehi-a-GCST007432	Nick Shrine	321047	244	MR-Egger	0.64 0.36	1.15 1.30E-01 1.13 9.90F-01	1.61E-01	0.46 0.23 1.04 0.91	0.91 2.70E-02 1 18 5 70F-01	4.03E-02	0.97 0.35	2.68 9.50E-01 1.27 9.90E-01	7.59E-01	2.42 0.69	8.45 1.60E-01	6.27E-01	0.62 0.17	2.28 4.70E-01 1.20 4.60E-01	8.64E-01
			CONSOLUA	EBI-B-GC31007432	NICK SHITTIE	321047	244				8.43E-02			2.38E-02			9.49E-01			3.93E-01			6.03E-01
Part		Lung function (FEV1/FVC)	consortia	ebi-a-GCST007431	Nick Shrine	321047	285																
**************************************	H - Riomarkers	Aspartate aminotransferase	ukh	ukb-d-30650 irnt	Ben Neale	NG	209	IVIII EPPEI	0.03 0.73		3.24E-01	0.33 0.70	1:1E 4:50E 01	5.0/E-01	0.54 0.05		8.66E-01	0.31 0.33		8.45E-01	0.71 0.45		2.92E-01
**************************************		4								1.08 1.70E-01	7.80E-01		1.09 1.60E-01	6.50E-01			8.60E-01			6.30E-01			6.60E-01
Part		Alanine aminotransferase	ukb	ukb-d-30620_irnt	Ben Neale	NG	187				3 00E 01			6 60E 01			E 40E 01			2 205 02			4.90E-01
Part		Insulin-like growth factor 1 (IGF-1)	ukb	ukb-d-30770_irnt	Ben Neale	NG	317				2.501-01			0.002-01			3.400-01			2.201-02			4.502-01
Part							_				2.20E-02			2.40E-01			1.90E-03			5.30E-01			9.50E-01
Contain profess   September   Contain profess			consortia	prot-a-1443	Benjamin Sun	3301	3				4 10F-01			6 70F-01			6 20F-01			8 90F-01			4.00E-01
Secondary   Seco		C-reactive protein	ukb	ukb-d-30710_irnt	Ben Neale	NG	181	IVW	0.99 0.92	1.06 7.90E-01	4.102 01	1.00 0.93	1.09 9.20E-01	0.702 02	0.92 0.78	1.07 2.90E-01			1.27 7.50E-01		0.94 0.77	1.14 5.30E-01	
Column   C				: b 4764	Laurana Haura	C1200	20				4.63E-02			3.15E-01			7.38E-02			7.34E-01			7.64E-01
Content   Cont			consortia	leu-D-4/b4	Laurence Howe	61308	29				5.15E-01			3.93E-01			2.41E-01			8.46E-01			3.89E-02
Control   Cont		Cholesterol	ukb	ukb-d-30690_irnt	Ben Neale	NG	159	IVW															
March   Marc			consortia	met-a-207	So-Vous Shin	7912	,													4.43E-01			3.09E-01 NA
Find   Properties   Propertie		HDL cholesterol					324				NA.			140			140			NA.			IVA
Part				obi a GCST002222	Criston Will	04505	70				2.35E-01			1.69E-01			5.01E-01			5.64E-01			2.46E-02
Programme   March			consortia	e01-a-GC51002225	Cristen Willer	94595	/8				1.81E-01			4.83E-01			2.83E-01			7.35E-01			1.27E-01
Common   met -944   Debanes without   2.55   12   WW   Col   0.00   0.		Triglycerides	ukb	ieu-b-111	Tom Richardson	441016	281	IVW	1.04 0.96	1.13 3.10E-01		1.03 0.93	1.13 5.90E-01		1.12 0.96	1.32 1.50E-01		0.88 0.72	1.08 2.20E-01		1.05 0.86	1.27 6.60E-01	
Marce planaria: Fasting places			concortia	mot c 024	Johanner Kettunen	21545	12				1.61E-01			3.82E-01			1.71E-01			4.97E-01			4.29E-02
Charact formers fairing fair			CONSOLUA	IIIeCC-534	Johannes Rettunen	21343	12				5.47E-01			9.85E-01			1.62E-01			4.29E-01			6.37E-01
Control   Cont		Glucose (consortia: Fasting glucose)	ukb	ukb-d-30740_irnt	Ben Neale	NG	94	IVW															
## Comparison with the processing of the process			consortia	ehi-a-GCST90002232	li Chen	200622	59				7.55E-01			9.77E-01			4.19E-01			6.43E-02			6.97E-02
Cystalis C sub sub-size 2017 per la sub-size			consortia		37 CHCH	200022			0.97 0.67	1.41 8.70E-01	4.39E-01	0.91 0.58	1.43 6.80E-01	4.83E-01	1.10 0.55	2.17 7.90E-01	5.26E-01	1.72 0.66	4.46 2.60E-01	6.20E-01	2.01 0.77	5.22 1.50E-01	5.94E-01
Cystemic   which   which   White   W		Glycated haemoglobin	ukb	ukb-d-30750_irnt	Ben Neale	NG	274				2 505 04			4 355 01			C C4E 01			1 705 01			6.60E-01
Marked processors   Processor		Cystatin C	ukb	ukb-d-30720 irnt	Ben Neale	NG	279				3.351-01			4.200-01			0.042-01			1.700-01			0.002-01
Teal partnering with discharge and the proposal distributions width with discharge and the proposal distributions with with connecting with a discharge and the proposal distributions with with connecting with a discharge and the proposal distributions with with connecting with a discharge and the proposal distributions with with connecting with a discharge and the proposal distributions with with connecting with a discharge and the proposal wit							.				1.29E-01						8.05E-01			8.70E-01			
## with find cell (explination) width with ## ## ## ## ## ## ## ## ## ## ## ## ##		Total protein					229				NA			NA			NA			NA			NA
Ref eell distribution width		,						MR-Egger	0.79 0.64	0.98 3.40E-02	3.70E-01	0.69 0.54	0.89 3.80E-03	1.91E-01	0.78 0.51	1.19 2.40E-01	3.74E-01	1.20 0.72	2.00 4.70E-01	8.28E-01	1.37 0.83	2.27 2.20E-01	1.03E-01
Red cell distribution width		Red blood cell (erythrocyte) distribution width	ukb	ukb-d-30070_irnt	Ben Neale	350473	271				1 705 02			0.105.02			1 205 01			6 90E 01			5.30E-01
Mean corpuscular valueme   whb   whb-d-30000_mrt   Ben Neele   35.9473   33   NW   Control   1.00   0.98   1.07   5.056-01   1.00   0.98   1.10   5.056-01   1.00   0.98   1.10   0.98		Red cell distribution width	consortia	ebi-a-GCST90002404	Dragana Vuckovic	408112	361				1.702-02			9.102-03			1.300-01			0.802-01			3.30E-01
Milliam Astile   Mill											5.70E-02			5.60E-02			1.70E-01			7.60E-01			6.10E-01
Composition   60-6-CST000602   William Author   17433   214   NW   103   937   108   330-C01   100   059   109   510-C01   101   059   119   150-C01   110   057   128   136-C01   129   120   130		Mean corpuscular volume	UKD	ukb-d-30040_irnt	Reu Negle	3504/3	332				1.30E-01			2.00E-01			2.00E-01			4.00E-02			3.30E-01
Mean computation hemospholen   who			consortia	ebi-a-GCST004602	William Astle	172433	214	IVW	1.03 0.97	1.08 3.30E-01		1.02 0.96	1.09 5.10E-01		1.08 0.97	1.19 1.60E-01		1.11 0.97	1.28 1.30E-01		1.02 0.88	1.18 7.50E-01	
Melegrand   Mele		Maan cornuscular haemoglobin	ukh	ukh-d-20050 irnt	Ren Nesle	250472	279				9.90E-01			8.50E-01			7.10E-01			1.60E-01			6.70E-01
Mas aphered cell volume  with ubb-d-30270 jmt Ben Neale  34779 298 1VW  Megger  Agent Signature  Message Sig		mean corpused an internogram	uno.	uno u 30030_iiiit	Dell'Iveale	330472	320				9.50E-01			8.50E-01			5.30E-01			1.50E-01			7.60E-01
Mean sphered cell volume   wide   wide   divided   div		High light scatter reticulocyte percentage	ukb	ukb-d-30290_irnt	Ben Neale	344729	280				2.015.01			2.075.01			0.105.01			2 225 04			8.87E-01
MR-Egger   1,00   1,0		Mean sphered cell volume	ukb	ukb-d-30270 irnt	Ben Neale	344729	298				2.010-01			3.571-01			5.100-01			3.220-01			8.87E-01
MR-Egger   0.82											8.20E-01			4.00E-01			6.69E-01			1.17E-01			7.52E-01
Seminary		Lymphocyte count	ukb	ukb-d-30120_irnt	Ben Neale	349856	296				8.42F-02			1.82F-01			3.76F-02			4.74F-01			9.17E-01
Neutrophil cell count with ukb -d-30140_int Neale lab 349856 265   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 396   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger on Sortia ieu-b-34   Dragana Vuckovic 563946 349861 251   NW Regger o		Lymphocyte percentage	ukb	ukb-d-30180_irnt	Ben Neale	349861	259	IVW	1.00 0.91	1.11 9.50E-01						1.23 7.00E-01			1.35 7.20E-01			1.27 9.60E-01	
MR-Egger   O.84   O.71   O.90   O.85   O.75   O.90   O.85   O.75   O.90   O.85   O.75   O.90   O.90   O.75   O.90   O.9		Neutrophil cell count	ukh	ukh-d-30140 irnt	Neale lah	349856	265				9.75E-01			8.17E-01			3.85E-01			9.58E-01			7.79E-01
MR-Egger Usb Usb Usb-d-30200_irmt Ben Neale 349861 Z51 NW 1.04 0.94 1.15 4.00E-01 1.06 0.95 1.13 8.00E-02 1.0E-01 0.98 0.84 1.11 1.0DE-01 2.30E-01 0.67 0.43 1.03 6.70E-02 1.0E-01 0.99 0.79 1.25 9.40E-01 1.0E-01 1.09 0.85 1.13 8.00E-01 0.99 0.79 1.25 9.40E-01 1.0E-01 1.09 0.85 1.13 8.00E-01 0.99 0.84 1.13 1.0E-01 1.0E-01 1.0E-01 1.0E-01 1.0E-01 1.0E-01 1.0E-01 1.0E-01 1.0E-01 1.0E-02 1.0E-01 1.0E		neuropiii een count	uno.	uno a 30140_iiin	redic lab	343030	203				4.05E-01			3.43E-01			2.33E-01			6.38E-01			6.45E-01
Neutrophil percentage  ukb  ukb-d-30200_irnt  Ben Neale  34961  251  IVW  0.95  0.79  1.05  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.15  1.06  0.95  0.79  1.07  0.95  0.82  1.11  1.06  0.95  0.82  1.10  4.06-01  1.05  0.95  0.82  1.10  4.06-01  1.05  0.95  0.82  1.10  4.06-01  1.05  1.05  1.05  0.95  0.82  1.10  4.06-01  1.05  1.05  1.05  1.05  0.95  0.85  1.07  0.95  0.85			consortia	ieu-b-34	Dragana Vuckovic	563946	396				1 705 01			4 105 01			2 705 04			2 205 04			1.00F-01
MR-Egger   0.99 0.79   1.25 9.46E-01   6.06E-01   1.04 0.79   1.35 9.0E-01   6.06E-01   1.04 0.79   1.35 9.0E-01   9.80E-01   0.99 0.64   1.53 9.0E-01   9.80E-01   0.97 0.64   1.53 9.0E-01   0.98 0.59   1.55 6.0E-02   0.98 0.64   1.07 4.0E-01   0.98 0.87   0.99 0.64   1.05 9.0E-01   0.99 0.68   0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.		Neutrophil percentage	ukb	ukb-d-30200_irnt	Ben Neale	349861	251				1.702-01			4.100-01			3.700-01			2.300-01			1.002-01
MR-Egger   1.09 0.88 1.34 4.40F-01   1.31F-01   1.10 0.86 1.40 4.40F-01   1.31F-01   1.10 0.99 0.68   1.43 9.40F-01   8.12F-01   1.42 0.86   2.34 1.60F-01   0.95 0.55   1.64 8.50F-01   9.50F-01											6.60E-01			8.50E-01			9.80E-01			3.20E-01			5.70E-01
Eosinophill percentage ukb ukb-d-30210 irmt Ben Neale 349861 298 IVW 0.95 0.87 1.02 1.60E-01 0.93 0.84 1.02 1.10E-01 1.16E-01 1.50 0.94 1.65 1.30E-01 1.62E-02 1.43 0.95 2.17 0.95 0.80 1.05 2.10E-01 1.9 0.98 1.45 8.00E-02 0.98 0.80 1.19 8.30E-01 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97		Eosinopnii count	consortia	epi-a-GCS1004606	William Astle	1/22/5	162				1.79E-01			1.31E-01			8.12E-01			5.41E-01			9.50E-01
Monocyte percentage ukb ukb-d-30190_irmt Ben Neale 349861 285 IVW 0.97 0.91 1.03 2.90E-01 0.95 0.88 1.02 1.40E-01 1.04 0.90 1.19 6.10E-01 1.09 0.92 1.30 3.20E-01 0.91 0.77 1.08 3.00E-01 MR-Egger 0.97 0.87 1.09 6.10E-01 9.13E-01 0.98 0.86 1.12 7.80E-01 4.97E-01 0.91 0.71 1.16 4.40E-01 1.96E-01 1.05 0.77 1.43 7.40E-01 7.75E-01 0.91 0.68 1.23 5.50E-01 9.		Eosinophill percentage	ukb	ukb-d-30210_irnt	Ben Neale	349861	298	IVW	0.95 0.87	1.02 1.60E-01		0.93 0.84	1.02 1.10E-01		0.92 0.80	1.05 2.10E-01		1.19 0.98	1.45 8.00E-02		0.98 0.80	1.19 8.30E-01	
MR-Egger 0.97 0.87 1.09 6.10E-01 9.13E-01 0.98 0.86 1.12 7.80E-01 4.97E-01 0.91 0.71 1.16 4.40E-01 1.96E-01 1.05 0.77 1.43 7.40E-01 7.75E-01 0.91 0.68 1.23 5.50E-01 9.		Monocute percentage	ukh	ukh-d-20100 irat	Ren Nazla	2/10861	285				2.09E-02			1.16E-01			1.62E-02			3.20E-01			5.31E-01
		monocyte percentage	UKU		Dell Nedle				0.97 0.87	1.09 6.10E-01	9.13E-01	0.98 0.86	1.12 7.80E-01	4.97E-01	0.91 0.71	1.16 4.40E-01	1.96E-01	1.05 0.77	1.43 7.40E-01	7.75E-01		1.23 5.50E-01	9.98E-01
Monocyte count ukb ukb-d-30130_irnt Ben Neale 349856 306 IVW 0.94 0.88 1.01 7.30E-02 0.95 0.87 1.01 7.00E-02 0.95 0.83 1.08 4.30E-01 0.99 0.83 1.18 9.30E-01 0.89 0.75 1.05 1.60E-01		Monocyte count	ukb	ukb-d-30130_irnt	Ben Neale	349856	306				2 525 01			0.745.04			2 425 01			4.005.01			0.005.05
MR-Egger 0.90 0.81 1.01 7.20E-02 3.53E-01 0.93 0.82 1.06 2.70E-01 9.71E-01 0.85 0.67 1.07 1.60E-01 2.43E-01 0.91 0.68 1.23 5.50E-01 4.98E-01 0.89 0.67 1.18 4.10E-01 9.			consortia	ieu-b-31	Dragana Vuckovic	563946	467				5.55E-01			9.71E-01			2.43E-01			4.98E-01			9.96E-01
			<del>-</del>				-				4.84E-01			8.49E-01			3.95E-01			8.13E-01			4.15E-01

Outcomes are ovarian cancer (OC) or the different subtypes, with the variant-outcome estimates summary results taken from Phelan et al OC GWAS. The outcomes included in the study are:

Ovarian cancer

High grade and low grade serous OC

Invasive mucinous OC

Clear cell OC

Endometrioid OC

Exposures are those traits identified from the GBDT-SHAP pipeline (bold) and closely related traits (italics)

Primarily, we collected the variant-exposure estimates from the UK Biobank; when two or more summary results from the UK Biobank population were found, we selected the one with more SNPs information.

Secondarily, we collected the variant-exposure estimates from the cancer of similar traits from different consortia; when data were available for two or more consortia we used the one with more SNPs information All genetic instruments for the exposures are from European populations

SNP selection: we applied the below criteria to select SNP(s) that instrument the exposure:

SNP identified at genome-wide significant threshold (p SS x 10<sup>8</sup>)

Only independent SNPs were included (t2 <0.001, or clump distance >10,000 kb)

Analysis/Interpretation: Two-sample MR analyses using the MR-Base

For the MR analyses, we used inverse-variance weight (IVW) as the primary method in the absence for evidence on directional pleiotropy.

If only a single instrument (SNP) available, we used the Wald ratio method instead.

The intercept test from MR-Egger was used to assess the presence of pleiotropy (p < 0.05), and where detected (red), MR-Egger was considered the primary method, as this method accounts for horizontal pleiotropy, although with less precision.

Additional abbreviations: IVW Inverse variance weighted, LCI lower confidence interval, NG = not given, NA = not available, OC ovarian cancer, OR odds ratio, UCI upper confidence interval.