

ESM Table 1 – Drop-out analysis: comparison of the baseline characteristics of the study population (KORA S4, 1999-2001) with and without participation in KORA F4 (2006-2008)

Variable	Participation in KORA F4 (n=1161)	No participation in KORA F4 (n=492)	<i>p</i>
Age (years)	63 (59; 68)	66 (61; 70)	<0.001
Sex (% male/female)	51.2 / 48.8	51.4 / 48.6	0.788
Waist circumference (cm)	95.6 (87.8; 102.5)	97.7 (90.2; 106.0)	<0.001
Body mass index (kg/m ²)	27.9 (25.7; 30.6)	28.5 (25.9; 31.9)	0.023
HbA _{1c} (%) ^a	5.3 (5.1; 5.7)	5.3 (5.1; 5.8)	0.560
HbA _{1c} (mmol/mol) ^b	34 (32; 39)	34 (32; 40)	0.560
Glucose tolerance status (% NGT / IFG / IGT / IFG+IGT / T2D) ^c	57.1 / 6.3 / 10.7 / 4.1 / 12.2	43.1 / 6.3 / 8.9 / 5.7 / 20.7	<0.001
LDL cholesterol (mmol/l)	3.91 (3.26; 4.64)	3.94 (3.19; 4.58)	0.493
HDL cholesterol (mmol/l)	1.44 (1.19; 1.75)	1.43 (1.17; 1.72)	0.179
Triacylglycerols (mmol/l)	1.34 (0.96; 1.88)	1.41 (1.03; 2.10)	0.021
Smoking (% current or former / never)	49.6 / 50.4	55.2 / 44.8	0.041
Alcohol consumption (% none / moderate / high) ^d	25.8 / 54.1 / 20.1	35.8 / 44.2 / 20.0	<0.001
Physical activity (% active / inactive) ^e	44.4 / 55.6	34.6 / 65.4	<0.001
Biomarkers of subclinical inflammation			
Leukocytes (x10 ⁻³ /μl)	5.8 (5.0; 6.9)	6.3 (5.2; 7.5)	<0.001

hsCRP (nmol/l)	15 (8; 32)	19 (9; 40)	0.004
SAA (mg/l)	3.5 (2.3; 5.9)	3.8 (2.5; 6.5)	0.063
Fibrinogen (g/l)	2.8 (2.5; 3.2)	2.9 (2.5; 3.3)	0.001
IL-6 (pg/ml)	1.8 (0.9; 3.0)	2.5 (1.4; 4.2)	<0.001
Adiponectin (total) (µg/ml)	8.7 (6.0; 12.0)	8.9 (6.2; 12.7)	0.160

Data are given as median and 25th/75th percentiles or percentages.

T2D, type 2 diabetes.

^a HbA_{1c} data are given as transformed HbA_{1c} as described in Methods. Untransformed data: 5.6 (5.4; 5.9) and 5.6 (5.4; 6.0)%.

^b HbA_{1c} data are given as transformed HbA_{1c} as described in Methods. Untransformed data: 38 (36; 41) and 38 (36; 42) mmol/mol.

^c Glucose tolerance status at baseline unclear for 112 F4 participants (9.7%) and 75 non-participants (15.2%)

^d Moderate defined as >0 to <40 g/day for men, >0 to <20 g/day for women; high defined as ≥40 g/day for men and ≥20 g/day for women.

^e Active defined as ≥1 hour leisure-time physical activity/week in summer and in winter.