

ESM Table 4 Squared partial correlation coefficients (r^2 in %) for the association between immune mediators at baseline (KORA S4, 1999-2001) and changes in HbA_{1c} between baseline KORA S4 and 7-year follow-up examination (KORA F4, 2006-2008) shown in Table 3

Variable	Model 1	Model 2	Model 3	Model 4	Model 5
Leukocytes ($10^3/\mu\text{l}$)	1.4	1.6	1.0	1.0	1.0
hsCRP (nmol/l)	2.0	2.2	1.0	0.9	0.9
SAA (mg/l)	0.7	0.8	0.5	0.5	0.5
Fibrinogen (g/l)	0.4	0.3	0.1	0.1	0.1
IL-6 (pg/ml)	0.5	0.7	0.2	0.1	0.1
Adiponectin ($\mu\text{g/ml}$)	0.9	0.8	0.2	0.2	0.2

The table shows squared partial coefficients (r^2) as percentages (%) from linear regression analyses with changes in HbA_{1c} (HbA_{1c}[F4] minus HbA_{1c}[S4]_{transformed}) as dependent variable and log_e-transformed immune mediator levels as independent variables (except leukocyte count which was not log-transformed). **Bold print** indicates significant associations between immune mediators and changes in HbA_{1c} in the corresponding analyses in Table 3 of the main manuscript.

Model 1: adjusted for age, sex and HbA_{1c}[S4]_{transformed}

Model 2: model 1 + smoking, physical activity, alcohol intake

Model 3: model 2 + waist circumference, LDL cholesterol, HDL cholesterol, triacylglycerols

Model 4: model 3 + changes in waist circumference (WC[F4] minus WC[S4]))

Model 5: model 4 + family history of diabetes