



ESM Figure 1: Splines illustrating the odds ratio of developing diabetes for a. Total cholesterol concentrations, and b. a genetic risk score (GRS) underlying total cholesterol concentrations. Knots are placed at 5th, 50th, and 95th percentiles. Both models were adjusted for time between examinations, examination, HDL-C and triacylglycerol concentrations, sex, age, BMI, systolic and diastolic blood pressures, and fasting blood glucose levels. p for overall association 0.011 (a) and 0.0002 (b), respectively. p for non-linearity 0.14 (a) and 0.0001 (b), respectively.