



**Supplementary Fig. 4.** Trajectories of resting heart rate (RHR) according to the age in subjects with and without incident diabetes mellitus (DM). Fitted lines denote mean RHR (incident DM vs. without incident DM), calculated from restricted cubic spline of mixed-effects linear regression models. The dashed lines delimit the 95% confidence interval. (A) Time-varying RHR and DM in male. (B) Time-varying RHR and DM in female. (C) Time-varying change in RHR ( $\Delta$ RHR) and DM in male. (D) Time-varying  $\Delta$ RHR and DM in female.