



**Supplementary Fig. 3.** Comparison of the predictive power of diabetes risk for waist circumference (WC), body mass index (BMI), and waist-to-hip ratio (WHR) in female. The dots represent Harrell's C-index, and width of the bar represents the 95% confidence interval. The predictive power of each anthropometric measure was obtained by adjusting for age, education levels, physical activity, alcohol intake, current smoking, total energy intake, dietary diversity score, and log-transformed C-reactive protein levels, and quartiles of unweighted genetic risk score at baseline. FMR, fat-to-muscle ratio; FU, follow-up. <sup>a</sup>Individual measurements after 6 years of follow-up were replaced with measurements at 6 years of follow-up, <sup>b</sup>Individual measurements after 8 years of follow-up were replaced with measurements at 8 years of follow-up, <sup>c</sup>Statistical difference ( $P < 0.05$ ) in Harrell C-index values compared to the statistical model for repeated measurements.