

Supplementary Table 1 Results of receiver operating characteristic analysis of TyG index, Maternal age, Pre-pregnancy BMI and FPG used to predict the development of GDM

Predictor	AUC (95%CI), %	Threshold	Sensitivity	Specificity	PPV	NPV	Accuracy	Precision	Youden's index	Chi-squared <i>P</i> value
TyG index	64.1 (61.1 - 67.1)	8.890	0.617	0.617	0.380	0.809	0.617	0.380	0.234	<0.001
Maternal age	55.2 (52.1 - 58.3)	39.000	0.085	0.958	0.432	0.734	0.717	0.432	0.043	<0.001
Pre-pregnancy BMI	61.0 (57.9 - 64.0)	20.937	0.745	0.437	0.334	0.818	0.522	0.334	0.182	<0.001
FPG	57.8 (54.7 - 60.8)	79.290	0.931	0.147	0.293	0.848	0.363	0.293	0.078	<0.001

Abbreviations: AUC, area under curve; PPV, positive predictive value; NPV, negative predictive value.