

**Fig. S1.** The receiver operating characteristic curve pertaining to the triglyceride-glucose (TyG) index for moderate-to-severe chronic kidney disease. Dotted line, reference; solid red line, area under the curve (AUC), indicating the accuracy of the TyG index for the identification of moderate-to-severe chronic kidney disease; cutoff value, the value of TyG index that predicts moderate-to-severe chronic kidney disease; sensitivity, the probability of individuals who have moderate-to-severe chronic kidney disease to be predicted to have moderate-to-severe chronic kidney disease; specificity, the probability of individuals who do not have moderate-to-severe chronic kidney disease to be predicted not to have moderate-to-severe chronic kidney disease.