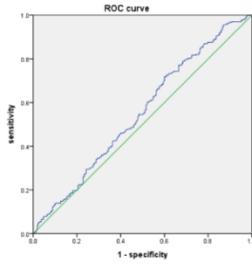
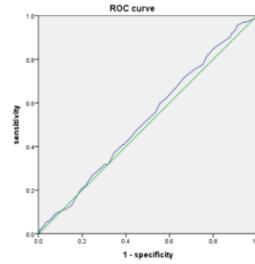


SUPPLEMENTARY FIGURE

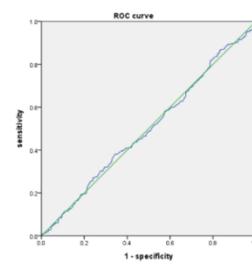
Low Handgrip Strength BMI



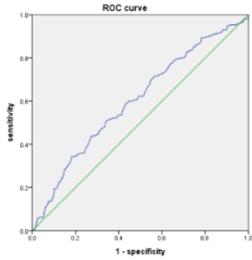
waist circumference



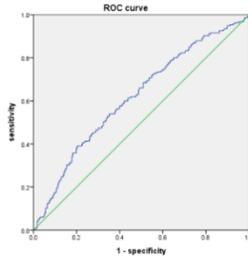
fat mass



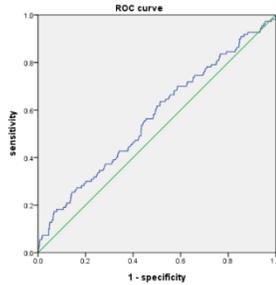
body fat percentage



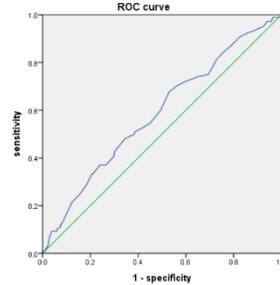
FMR



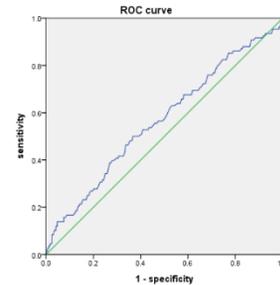
Low Gait Speed BMI



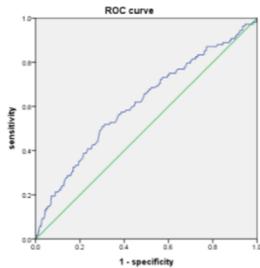
waist circumference



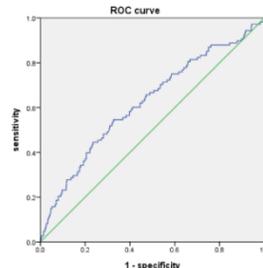
fat mass



body fat percentage



FMR



Supplementary Figure 1. The receiver operating characteristics (ROC) curve to estimate the area under the curve (AUC) between different obesity parameter and low muscle function. In estimating the risk for low handgrip strength, FMR had the best diagnostic performance among these obese parameters (AUC= 0.617, 95% CI = 0.573-0.661). In the prediction of low gait speed, the best diagnostic performance was still FMR (AUC= 0.622, 95% CI = 0.563-0.682) than by the other obese parameters. BMI, body mass index; CI, confidence interval; FMR, fat to muscle ratio.