Supplementary Table 6. Multivariate ROC analyses for prediction of IgAN progression

Variable	AUC (95% CI)	Sensitivity	Specificity
All clinical variables			
Urine protein/creatinine ratio, WHO classification, age, baseline eGFR, sex	0.612 (0.222–1.000)	0.8	0.4
All serum metabolites			
Glycerol, threonine, glycine, formate, valine, acetone	0.878 (0.608–1.000)	0.8	0.8
All urinary metabolites			
Leucine, valine	0.923 (0.608–1.000)	0.9	0.8
Clinical variables and serum metabolites			
Urine protein/creatinine ratio, WHO classification, age, baseline eGFR, sex and all serum metabolites[a]	0.614 (0.106–1.000)	0.9	0.5
Urine protein/creatinine ratioa and all serum metabolites[a]	0.883 (0.556–1.000)	0.8	0.8
Urine protein/creatinine ratioa and serum glycerol and threonine[b]	0.923 (0.667–1.000)	0.7	0.9
Clinical variables and urinary metabolites			
Urine protein/creatinine ratio, WHO classification, age, baseline eGFR, sex and all urinary metabolites[b]	0.612 (0.222–1.000)	0.8	0.4
Urine protein/creatinine ratioa and all urinary metabolites[b]	0.912 (0.667–1.000)	0.8	0.7

AUC, area under the curve; CI, confidence interval; eGFR, estimated glomerular filtration rate; IgAN, immunoglobulin A nephropathy; ROC, receiver operating characteristic; WHO, World Health Organization.

Serum and urinary metabolites with an AUC above 0.7 in univariate analyses were included.

[a]Variables with an AUC higher than 0.7. [b]Variables with an AUC higher than 0.8.