

Supplementary Table 10. Age-specific comparison of predictive performance of eGFR equations for 5-year KFRT

eGFR	Unadjusted			Adjusted ^a							
	AUC (95% CI)	p-value	IDI (95% CI)	Continuous NRI (95% CI)	p-value	AUC (95% CI)	IDI (95% CI)	Continuous NRI (95% CI)	p-value		
<60 yr											
eGFR _{cr}	0.896 (0.876-0.916)	0.13	0.002 (0.000-0.003)	0.02	0.066 (-0.035 to 0.189)	0.25	0.936 (0.917-0.956)	0.006 (0.001-0.002)	<0.001	0.154 (0.031-0.286)	0.007
eGFR _{cr} (NEW)	0.897 (0.877-0.916)				0.937		0.937				
eGFR _{cr,cys}	0.903 (0.884-0.922)	0.01	0.002 (0.001-0.004)	<0.001	0.166 (0.000-0.314)	0.047	0.936 (0.917-0.956)	0.39 (0.000-0.002)	0.23	0.049 (-0.115 to 0.182)	0.62
eGFR _{cr,cys} (NEW)	0.904 (0.884-0.924)				0.937		0.937				
≥60 yr											
eGFR _{cr}	0.900 (0.880-0.920)	0.39	-0.001 (-0.003 to 0.000)	0.03	-0.222 (-0.316 to -0.013)	0.003	0.95 (0.931-0.970)	0.006 (0.000-0.001)	0.23	0.042 (-0.125 to 0.180)	0.80
eGFR _{cr} (NEW)	0.900 (0.879-0.920)				0.951		0.951				
eGFR _{cr,cys}	0.897 (0.877-0.917)	0.75	-0.002 (-0.003 to 0.000)	0.07	-0.140 (-0.274 to 0.050)	0.11	0.948 (0.928-0.968)	0.16 (-0.003 to 0.000)	0.007	-0.240 (-0.370 to -0.105)	<0.001
eGFR _{cr,cys} (NEW)	0.897 (0.878-0.916)				0.947		0.947				

AUC, area under the curve; CI, confidence interval; eGFR, estimated glomerular filtration rate; eGFR_{cr}, eGFR based on creatinine with current equation; eGFR_{cr} (NEW), eGFR based on creatinine with new equation; eGFR_{cr,cys}, eGFR based on creatinine and cystatin C with current equation; eGFR_{cr,cys} (NEW), eGFR based on creatinine and cystatin C with new equation; IDI, integrated discrimination improvement; KFRT, kidney failure with replacement therapy; NRI, net reclassification index.

^aAdjusted for sex, history of cardiovascular disease, diabetes mellitus, body mass index, systolic blood pressure, serum total cholesterol, calcium-phosphate product, urine protein-to-creatinine ratio, use of renin-angiotensin system blockade or statin.