

Supplementary Table 4. AUCs, IDI, and NRI for the multivariate models with low muscle mass, low HGS, or sarcopenia

Modela	AUC	Difference between AUCs	Relative IDI		Category-free NRI	
			Value	p-value	Value	p-value
Dep: Patient death						
Multivariate model alone	0.811	-	-	-	-	-
Multivariate model with low HGS	0.836	0.025	0.176	0.01	0.776	<0.001
Multivariate model with low muscle mass	0.812	0	0.086	0.14	0.27	0.2
Multivariate model with sarcopenia	0.818	0.006	0.129	0.007	0.502	0.02
Dep: Technique failure						
Multivariate model alone	0.728	-	-	-	-	-
Multivariate model with low HGS	0.737	0.01	0.08	0.26	0.424	0.02
Multivariate model with low muscle mass	0.727	0	0.022	0.34	0.086	0.49
Multivariate model with sarcopenia	0.728	0.001	0.023	0.4	0.287	0.1

^aThe multivariable model was created using age, sex, presence of diabetes mellitus, urine volume, dialysis vintage, serum albumin level, and edema index values.

AUC, area under the curve; HGS, handgrip strength; IDI, integrated discrimination improvement; NRI, net reclassification improvement; Dep, dependent variable.