

**Table S2.** Multiple regression for the comprehensive model for 3-month mortality without imputing albumin in the development cohort (N=39,622, 2<sup>nd</sup> column) and with imputation in the validation cohort (N=16,645, last column)

Predictors	OR (95% CI)	OR (95% CI)
Age (per 1 year)	1.04 (1.03-1.04)	1.04 (1.03-1.05)
Male	1.18 (1.10-1.26)	1.16 (1.05-1.28)
White	1.28 (1.18-1.38)	1.33 (1.18-1.51)
Catheter user	1.75 (1.62-1.89)	1.90 (1.69-2.13)
No or late nephrology care before dialysis (4 months or less in care)	1.33 (1.24-1.41)	1.33 (1.20-1.46)
Albumin (per 1 g/dl)	0.67 (0.64-0.71)	0.80 (0.74-0.86)
Serum Creatinine (per 1 mg/dl)	0.97 (0.95-0.98)	0.96 (0.94-0.99)
Needs assistance in daily living or walking	1.42 (1.32-1.54)	1.43 (1.27-1.61)
Living in nursing home	1.67 (1.53-1.83)	1.64 (1.43-1.88)
Cancer	1.52 (1.40-1.65)	1.53 (1.35-1.73)
Peripheral vascular disease	1.14 (1.06-1.22)	1.12 (1.01-1.25)
Alcohol problem	1.57 (1.39-1.78)	1.52 (1.26-1.83)
Congestive heart failure	1.37 (1.28-1.47)	1.54 (1.39-1.72)
# of hospitalizations (during 6 months prior to dialysis)	1.09 (1.06-1.11)	1.09 (1.05-1.13)