

**Table S4: Influence Analysis of Single Confounders Driving the Differences in Cause-specific Hazard Ratios Between Models 2 and 3**

<i>Models, Model 2 + one covariate</i>	Cause-specific hazard model, PD vs. HD HR (95 % CI)	
	during the first 90 days of dialysis	from 91 days until 3 years from first dialysis
no added variable	0.50 (0.47, 0.54)	1.01 (0.97, 1.04)
+ cause of end-stage renal disease	0.50 (0.47, 0.54)	1.00 (0.97, 1.04)
+ current smoking	0.50 (0.47, 0.54)	1.01 (0.97, 1.04)
+ alcohol dependence	0.50 (0.47, 0.54)	1.01 (0.97, 1.04)
+ drug dependence	0.50 (0.47, 0.54)	1.01 (0.97, 1.04)
+ geographic region	0.51 (0.47, 0.54)	1.01 (0.98, 1.05)
+ inability to ambulate or transfer	0.51 (0.47, 0.55)	1.01 (0.98, 1.05)
+ count of pre-ESRD visits to nephrologist	0.52 (0.48, 0.55)	1.03 (0.99, 1.07)
+ Medicaid dual eligibility	0.50 (0.47, 0.54)	1.01 (0.97, 1.05)
+ body mass index	0.50 (0.47, 0.54)	1.01 (0.97, 1.05)
+ hemoglobin	0.51 (0.47, 0.55)	1.01 (0.98, 1.05)
<b>+ albumin</b>	<b>0.53 (0.49, 0.57)</b>	<b>1.05 (1.01, 1.09)</b>
+ eGFR at dialysis initiation	0.50 (0.47, 0.54)	1.00 (0.97, 1.04)
+ diabetes	0.50 (0.47, 0.54)	1.01 (0.97, 1.04)
+ hypertension	0.50 (0.47, 0.54)	1.01 (0.97, 1.04)
<b>+ heart failure</b>	<b>0.53 (0.49, 0.57)</b>	<b>1.07 (1.03, 1.11)</b>
+ cardiovascular disease	0.51 (0.48, 0.55)	1.02 (0.99, 1.06)
+ cerebral vascular disease	0.51 (0.47, 0.54)	1.01 (0.98, 1.05)
+ peripheral vascular disease	0.51 (0.47, 0.55)	1.02 (0.98, 1.06)
+ chronic obstructive pulmonary disease	0.51 (0.47, 0.55)	1.02 (0.98, 1.05)
+ cancer	0.50 (0.47, 0.54)	1.01 (0.97, 1.04)

AF – atrial fibrillation; eGFR – estimated glomerular filtration rate; HD – hemodialysis; PD – peritoneal dialysis.