

**Table S3:** Association of each PDC drug categories with all-cause mortality after dialysis initiation

<i>Drug category</i>	<i>Loop diuretic N=30,592 Event number=17,610</i>		<i>ACEI/ARB N=30,592 Event number=17,610</i>		<i>Calcium channel blockers N=30,592 Event number =17,610</i>		<i>Beta-blockers N=30,592 Event number =17,610</i>		<i>Alpha-blockers N=30,592 Event number =17,610</i>	
	<i>HR (95%CI)</i>	<i>p</i>	<i>HR (95%CI)</i>	<i>p</i>	<i>HR (95%CI)</i>	<i>p</i>	<i>HR (95%CI)</i>	<i>p</i>	<i>HR (95%CI)</i>	<i>p</i>
<i>PDC&gt;80%</i>	1.00 (reference)		1.00 (reference)		1.00 (reference)		1.00 (reference)		1.00 (reference)	
<i>60%&lt;PDC≤80%</i>	1.06 (1.02- 1.11)	0.004	1.00 (0.94- 1.06)	0.9	0.89 (0.84- 0.94)	<0.001	1.04 (0.99- 1.09)	0.07	0.93 (0.87- 0.99)	0.04
<i>PDC≤60%</i>	1.07 (1.01- 1.13)	0.03	1.11 (1.02- 1.21)	0.01	0.97 (0.89- 1.05)	0.4	1.08 (1.01- 1.15)	0.03	0.92 (0.83- 1.02)	0.1
<i>Drug category</i>	<i>Direct vasodilators N=30,592 Event number =17,610</i>		<i>Thiazide diuretic N=30,592 Event number =17,610</i>		<i>Aspirin N=30,592 Event number =17,610</i>		<i>Statins N=30,592 Event number =17,610</i>			
	<i>HR (95%CI)</i>	<i>P</i>	<i>HR (95%CI)</i>	<i>P</i>	<i>HR (95%CI)</i>	<i>p</i>	<i>HR (95%CI)</i>	<i>p</i>		
<i>PDC&gt;80%</i>	1.00 (reference)		1.00 (reference)		1.00 (reference)		1.00 (reference)			
<i>60%&lt;PDC≤80%</i>	0.88 (0.82- 0.95)	0.001	1.17 (1.08- 1.27)	<0.001	0.90 (0.82- 0.99)	0.03	0.97 (0.92- 1.05)	0.2		
<i>PDC≤60%</i>	0.94 (0.85- 1.04)	0.3	1.24 (1.14- 1.35)	<0.001	1.03 (0.89- 1.21)	0.7	1.01 (0.93- 1.08)	0.9		

**Abbreviations:** ACEI/ARB: Angiotensin Converting Enzyme Inhibitors/Angiotensin Receptor Blockers; CCI: Charlson comorbidity index; CI: confidence interval; ESRD: end stage renal disease; eGFR: estimated glomerular filtration rate; HR: hazard ratio; PDC: proportion of days covered

Model1: unadjusted

Model 2: adjusted for age, sex, race/ethnicity, marital status and ZIP code

Model 3: adjusted for age, sex, race/ethnicity, marital status, ZIP code, CCI and presence of diabetes, congestive heart failure, cardiovascular/cerebrovascular disease, presence of depression, presence of anxiety and type of vascular access

Model 4: adjusted for age, sex, race/ethnicity, marital status, ZIP code, CCI, presence of diabetes, congestive heart failure, cardiovascular/cerebrovascular disease, presence of depression, presence of anxiety, type of vascular access, and blood/serum hemoglobin, bicarbonate, albumin, urea nitrogen, last eGFR before ESRD