

**Table S3**—Cause-specific cumulative incidence of mortality according to baseline eGFR estimated with the 4-variable non-IDMS traceable MDRD formula

Type of Death (N=806)	Q1 1.03 - 24.56 mL/min/1.73 m <sup>2</sup> (N=1009)	Q2 24.57 - 31.62 mL/min/1.73 m <sup>2</sup> (N=1009)	Q3 31.67 - 39.94 mL/min/1.73 m <sup>2</sup> (N=1011)	Q4 40.03 - 135.3 mL/min/1.73 m <sup>2</sup> (N=1006)	P Value
<b>Overall</b>	<b>28.7%</b> <b>(25.5 - 32.0)</b>	<b>22.5%</b> <b>(19.6 - 25.5)</b>	<b>18.9%</b> <b>(16.2 - 21.7)</b>	<b>18.8%</b> <b>(16.0 - 21.7)</b>	<b>&lt;0.001</b>
<b>CV Death</b>	<b>14.3%</b> <b>(11.9 - 16.8)</b>	<b>12.0%</b> <b>(9.8 - 14.3)</b>	<b>11.6%</b> <b>(9.5 - 14.1)</b>	<b>10.1%</b> <b>(8.1 - 12.5)</b>	0.002
Fatal MI	2.1% (1.3 - 3.3)	1.8% (1.0 - 3.0)	1.1% (0.6 - 1.9)	1.0% (0.5 - 1.8)	0.057
Fatal Stroke	1.2% (0.7 - 2.2)	1.4% (0.8 - 2.4)	1.0% (0.5 - 1.8)	0.8% (0.3 - 1.6)	0.086
Presumed CV Death	1.8% (1.1 - 2.9)	1.5% (0.8 - 2.6)	1.8% (1.0 - 3.0)	1.2% (0.6 - 2.1)	0.23
Pump Failure	2.3% (1.5 - 3.5)	1.7% (1.0 - 2.7)	1.5% (0.8 - 2.6)	2.2% (1.2 - 3.6)	0.55
CV Other	0.5% (0.2 - 1.3)	0.9% (0.4 - 1.8)	0.7% (0.3 - 1.6)	0.8% (0.3 - 1.5)	0.55
Presumed Sudden Death	1.2% (0.6 - 2.0)	0.9% (0.4 - 1.8)	1.4% (0.7 - 2.5)	0.6% (0.2 - 1.3)	0.51
Definite Sudden Death	5.1% (3.7 - 6.8)	3.7% (2.5 - 5.2)	4.1% (2.9 - 5.7)	3.7% (2.5 - 5.4)	0.096
Definite or Presumed Sudden Death	6.2% (4.7 - 8.1)	4.6% (3.2 - 6.2)	5.5% (4.0 - 7.3)	4.3% (3.0 - 6.0)	0.07
<b>Non-CV Death</b>	<b>12.1%</b> <b>(9.9 - 14.6)</b>	<b>8.8%</b> <b>(6.9 - 10.9)</b>	<b>6.4%</b> <b>(4.8 - 8.2)</b>	<b>6.7%</b> <b>(5.1 - 8.7)</b>	<b>&lt;0.001</b>
Infection	4.7% (3.4 - 6.4)	2.8% (1.9 - 4.1)	2.0% (1.1 - 3.2)	1.6% (0.9 - 2.8)	<0.001
Malignancy	1.8% (1.0 - 3.0)	2.2% (1.3 - 3.4)	1.4% (0.7 - 2.4)	1.9% (1.1 - 3.1)	0.67
Other	3.8% (2.6 - 5.3)	2.7% (1.7 - 4.0)	2.2% (1.4 - 3.4)	2.7% (1.7 - 3.9)	0.13
Renal	1.8% (1.0 - 3.1)	1.0% (0.5 - 2.0)	0.8% (0.4 - 1.7)	0.5% (0.1 - 1.5)	0.011
Non CV/Non-Renal Death	10.3% (8.3 - 12.6)	7.8% (6.0 - 9.7)	5.5% (4.1 - 7.3)	6.2% (4.7 - 8.1)	<0.001
<b>Unknown</b>	<b>2.4%</b> <b>(1.4 - 3.7)</b>	<b>1.7%</b> <b>(1.0 - 2.9)</b>	<b>0.8%</b> <b>(0.4 - 1.7)</b>	<b>1.9%</b> <b>(1.1 - 3.1)</b>	<b>0.29</b>

Estimated cumulative incidence rates at 3 years are provided. P value for trend test refers to risk of death across all patient follow-up for each cause of death across eGFR quartiles. Renal deaths defined as refusal of dialysis, or death in the setting of acute kidney injury or from direct complications of uremia, dialysis, or renal procedure. Other deaths include suicide and deaths from pulmonary, hepatobiliary, gastrointestinal, procedural, and accidental causes.