

**Supplementary Table 2.** The rates of kidney function decline across three HbA1c categories

HbA1c	All		eGFR $\geq$ 45 mL/min/1.73 m <sup>2</sup>		eGFR < 45 mL/min/1.73 m <sup>2</sup>	
	Slope of eGFR decline, mL/min/1.73 m <sup>2</sup> /yr	<i>P</i> value	Slope of eGFR decline, mL/min/1.73 m <sup>2</sup> /yr	<i>P</i> value	Slope of eGFR decline, mL/min/1.73 m <sup>2</sup> /yr	<i>P</i> value
<7.0%	-2.75 (-3.18 to -2.33)	Ref	-2.70 (-3.19 to -2.21)	Ref	-2.97 (-3.63 to -2.30)	Ref
7.0%–7.9%	-3.02 (-3.53 to -2.29)	0.68	-3.08 (-3.80 to -2.30)	0.41	-2.80 (-3.65 to -1.95)	0.70
$\geq$ 8.0%	-3.11 (-3.79 to -2.44)	0.37	-3.80 (-4.63 to -2.98)	0.02	-2.48 (-3.49 to -1.48)	0.43

Values are presented as hazard ratio (95% confidence interval). Model was adjusted for age, sex, body mass index, Charlson comorbidity index, socioeconomic status, smoking status, systolic blood pressure, eGFR, urine protein/creatinine ratio, low-density lipoprotein cholesterol, Albumin, renin angiotensin aldosterone system inhibitors and statins.

HbA1c, glycosylated hemoglobin; eGFR, estimated glomerular filtration rate.