

**Supplementary Table 2. Hazard ratios for clinical outcomes given a Normalized Difference Vegetation Index (NDVI) within 250 m and 1250 m around patients' residences in various models.**

NDVI buffer	CKD-Mortality <sup>a</sup>		CKD-ESRD <sup>a</sup>		ESRD-Mortality <sup>b</sup>	
	250m buffer	1250m buffer	250m buffer	1250m buffer	250m buffer	1250m buffer
Model 1	1.006 (0.991,1.020)	1.002 (0.987,1.017)	1.022 (1.004,1.040)	1.058 (1.039,1.078)	0.992 (0.961,1.025)	0.936 (0.904,0.969)
Model 2	0.987 (0.963,1.011)	0.980 (0.955,1.006)	1.000 (0.981,1.019)	1.021 (1.001,1.042)	1.005 (0.971,1.040)	0.965 (0.930,1.001)
Model 3						
+3km	0.955 (0.921,0.990)	0.951 (0.916,0.988)	0.992 (0.965,1.020)	1.021 (0.991,1.052)	0.947 (0.899,0.998)	0.828 (0.763,0.898)
+5km	0.953 (0.924,0.983)	0.945 (0.915,0.977)	0.988 (0.964,1.012)	1.015 (0.990,1.041)	0.957 (0.916,1.000)	0.870 (0.812,0.932)
+10km	0.965 (0.938,0.992)	0.958 (0.929,0.987)	0.995 (0.973,1.017)	1.020 (0.997,1.044)	0.972 (0.933,1.012)	0.905 (0.850,0.964)
Model 4	0.968 (0.937,1.000)	0.961 (0.928,0.996)	0.979 (0.954,1.006)	1.011 (0.981,1.041)	0.978 (0.931,1.026)	0.914 (0.865,0.966)

<sup>a</sup>Model 1 included NDVI. Model 2 was additionally stratified by 5-year age groups and adjusted by sex, eGFR, hemoglobin, diabetes and hypertension. Model 3 was additionally adjusted with average PM10 concentration of monitoring stations within several buffers around residence. Model 4 was additionally adjusted with population density, the number of hospital beds, and financial independence rate in Model 3 with average PM10 concentration of monitoring stations within 5km; <sup>b</sup> Models were adjusted without eGFR