

Supplementary material 11. Associations between healthy lifestyle score and all-cause, cancer, and cardiovascular mortality by CKD status, excluding BMI <18.5 kg/m²

	All-cause mortality			Cancer mortality		Cardiovascular mortality	
	No. of participants	No. of deaths	HR (95% CI)	No. of deaths	HR (95% CI)	No. of deaths	HR (95% CI)
Non-CKD							
Linear	189,771	2,177	0.84 (0.80 to 0.88)	1,213	0.84 (0.79 to 0.89)	363	0.88 (0.78 to 0.99)
Categories							
0-2	27,300	454	1.00 (ref)	245	1.00 (ref)	77	1.00 (ref)
3	52,315	639	0.78 (0.69 to 0.88)	352	0.76 (0.65 to 0.90)	104	0.74 (0.55 to 0.99)
4	79,735	819	0.72 (0.64 to 0.81)	469	0.72 (0.61 to 0.85)	129	0.68 (0.51 to 0.92)
5 (healthiest)	30,421	265	0.56 (0.48 to 0.66)	147	0.53 (0.43 to 0.66)	53	0.69 (0.48 to 1.00)
HR for trend			0.84 (0.80 to 0.88)		0.84 (0.79 to 0.89)		0.88 (0.79 to 0.99)
CKD							
Linear	42,586	829	0.82 (0.76 to 0.88)	411	0.81 (0.73 to 0.90)	203	0.80 (0.67 to 0.91)
Categories							
0-2	6,434	174	1.00 (ref)	86	1.00 (ref)	46	1.00 (ref)
3	12,120	280	0.89 (0.74 to 1.08)	139	0.89 (0.68 to 1.17)	77	0.90 (0.62 to 1.31)
4	16,790	267	0.65 (0.54 to 0.80)	129	0.61 (0.46 to 0.81)	55	0.54 (0.36 to 0.80)
5 (healthiest)	7,242	108	0.61 (0.47 to 0.78)	57	0.60 (0.43 to 0.85)	25	0.59 (0.36 to 0.97)
HR for trend			0.82 (0.76 to 0.89)		0.81 (0.73 to 0.90)		0.78 (0.67 to 0.91)
<i>P</i> for interaction			0.91		0.91		0.23

All analyses were adjusted for age, sex, hypertension, diabetes mellitus, hypercholesterolemia, history of myocardial infarction, history of stroke, and study site.

HR for trend indicates the change in HR by one lifestyle category change towards healthiest.

P for interaction shows the results of fitting an interaction term between the healthy lifestyle score category and CKD status.

BMI, body mass index; CI, confidence interval; HR, hazard ratio.