

Supplemental Table 1 Association between the CONUT score and mortality in different sex, CVD and DR subgroups.

Variables	Subgroups											
	Male		Female		CVD		No CVD		DR		No DR	
	HR (95%CI)	P	HR (95%CI)	P	HR (95%CI)	P	HR (95%CI)	P	HR (95%CI)	P	HR (95%CI)	P
All-cause mortality												
COUNT												
0-1	Ref		Ref		Ref		Ref		Ref		Ref	
2-4	1.34 (1.02-1.77)	0.033	1.14 (0.80-1.63)	0.456	1.25 (0.95-1.63)	0.112	1.14 (0.83-1.57)	0.408	1.24 (0.95-1.61)	0.115	1.16 (0.77-1.75)	0.474
5-12	4.40 (2.52-7.69)	<0.001	2.08 (0.64-6.78)	0.225	2.60 (1.41-4.79)	0.002	5.29 (2.59-10.81)	<0.001	3.74 (1.97-7.08)	<0.001	3.43 (1.80-6.54)	<0.001
CVD-related mortality												
COUNT												
0-1	Ref		Ref		Ref		Ref		Ref		Ref	
2-4	1.11 (0.78-1.58)	0.570	1.03 (0.62-1.68)	0.922	0.99 (0.67-1.44)	0.941	0.96 (0.65-1.41)	0.823	1.02 (0.73-1.42)	0.908	0.97 (0.55-1.71)	0.907
5-12	2.04 (0.97-4.27)	0.060	2.32 (0.45-11.99)	0.317	3.09 (1.27-7.52)	0.013	1.14 (0.47-2.80)	0.768	2.55 (1.22-5.34)	0.013	1.56 (0.63-3.85)	0.339
Diabetes-related mortality												
COUNT												
0-1	Ref		Ref		Ref		Ref		Ref		Ref	
2-4	1.02 (0.76-1.37)	0.888	1.14 (0.76-1.69)	0.528	1.21 (0.91-1.61)	0.200	0.98 (0.69-1.40)	0.911	1.00 (0.75-1.31)	0.972	1.22 (0.78-1.88)	0.384
5-12	2.53 (1.42-4.49)	0.002	3.48 (0.92-13.19)	0.066	3.85 (2.07-7.18)	<0.001	1.21 (0.53-2.77)	0.645	2.58 (1.37-4.86)	0.003	1.97 (0.97-4.00)	0.060
Nephropathy-related mortality												
COUNT												
0-1	Ref		Ref		Ref		Ref		Ref		Ref	
2-4	1.09 (0.82-1.46)	0.541	1.18 (0.80-1.75)	0.399	1.24 (0.94-1.65)	0.129	1.03 (0.74-1.45)	0.848	1.07 (0.82-1.40)	0.611	1.24 (0.80-1.90)	0.332

5-12	2.50 (1.42-4.39)	0.001	2.73 (0.71-10.52)	0.145	4.07 (2.18-7.57)	<0.001	1.21 (0.56-2.64)	0.627	2.61 (1.39-4.92)	0.003	2.47 (1.23-4.95)	0.011
Other cause-related mortality												
COUNT												
0-1	Ref		Ref		Ref		Ref		Ref		Ref	
2-4	1.13 (0.77-1.66)	0.537	1.41 (0.85-2.35)	0.183	1.13 (0.73-1.72)	0.588	1.18 (0.78-1.77)	0.434	1.32 (0.91-1.90)	0.146	0.77 (0.40-1.50)	0.444
5-12	5.65 (2.65-12.03)	<0.001	4.17 (0.95-18.27)	0.058	3.76 (1.52-9.30)	0.004	6.03 (2.43-14.97)	<0.001	4.76 (2.02-11.21)	<0.001	3.43 (1.34-8.73)	0.010

For the male subgroup, age, race, marital status, smoking, hypertension, CVD, physical activity, fasting glucose, diuretics, uric acid, energy, protein, sodium, and eGFR were adjusted for;

For the female subgroup, age, race, BMI, education level, marital status, smoking, CVD, PIR, physical activity, diuretics, uric acid, protein, carbohydrate, and eGFR were adjusted for;

For the subgroup with CVD, age, race, BMI, marital status, smoking, CVD, diuretics, UACR, uric acid, and eGFR were adjusted for;

For the subgroup without CVD, age, race, CVD, physical activity, diuretics, uric acid, and eGFR were adjusted for;

For the subgroup with DR, age, gender, race, BMI, marital status, smoking, hyperlipidemia, physical activity, antidiabetics, diuretics, UACR, uric acid, carbohydrate, sodium, and eGFR were adjusted for;

For the subgroup without DR, age, race, marital status, diuretics, uric acid, and eGFR were adjusted for.

BMI, body mass index; CONUT, Controlling Nutritional Status; CVD, cardiovascular disease; DR, diabetic retinopathy; PIR, poverty income ratio; UACR, urinary albumin to creatinine ratio; eGFR, estimated glomerular filtration rate; HR, hazard ratio; CI, confidence interval; Ref: reference.