

Carbohydrate-rich diet is associated with increased risk of incident chronic kidney disease in non-diabetic subjects

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Supplemental Material Table of Contents

Supplemental Table 1. Univariate Cox proportional hazard regression analyses of factors associated with incident CKD

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	Non-DM		DM	
	HR (95% CI)	P-value	HR (95% CI)	P-value
Demographic data				
Age (per 1 year)	1.10 (1.09, 1.11)	<0.001	1.08 (1.07, 1.10)	<0.001
Sex (Male)	0.77 (0.70, 0.86)	<0.001	0.69 (0.57, 0.84)	<0.001
Waist-to-hip ratio (per 0.1)	1.52 (1.41, 1.64)	<0.001	1.48 (1.27, 1.72)	<0.001
Education				
Low	<i>Reference</i>		<i>Reference</i>	
Intermediate	0.48 (0.43, 0.53)	<0.001	0.55 (0.44, 0.67)	<0.001
High	0.45 (0.38, 0.55)	<0.001	0.41 (0.28, 0.58)	<0.001
Smoking				
Never	<i>Reference</i>		<i>Reference</i>	
Former or current	0.84 (0.75, 0.94)	0.003	0.74 (0.60, 0.90)	0.003
Exercise (per 10 MET)	1.02 (0.94, 1.11)	0.589	1.06 (0.91, 1.24)	0.429
Marriage (Yes)	0.55 (0.47, 0.64)	<0.001	0.62 (0.47, 0.81)	<0.001
History of hypertension (Yes)	1.80 (1.62, 2.00)	<0.001	1.63 (1.33, 2.00)	<0.001
History of CVD (Yes)	2.00 (1.52, 2.65)	<0.001	1.64 (1.07, 2.53)	0.024
Laboratory data				
Baseline eGFR (per 1 ml/min per 1.73m ²)	0.95 (0.94, 0.96)	<0.001	0.97 (0.96, 0.98)	<0.001
Hemoglobin (per 1 g/dl)	0.99 (0.96, 1.02)	0.572	0.92 (0.86, 0.98)	0.007
HOMA-IR (per 1)	1.10 (1.05, 1.14)	<0.001	1.03 (0.99, 1.07)	0.170
Albumin (per 1 g/dl)	0.59 (0.49, 0.70)	<0.001	0.54 (0.40, 0.72)	<0.001
HDL-C (per 10 mg/dl)	0.92 (0.88, 0.97)	0.001	0.94 (0.85, 1.03)	0.166
Triglyceride (per 10 mg/dl)	1.01 (1.01, 1.02)	<0.001	1.01 (1.00, 1.02)	0.002

Abbreviations: DM, diabetes mellitus; HR, hazard ratio; CI, confidence interval; SBP, systolic blood pressure; MET, metabolic equivalent of task; CVD, cardiovascular disease; eGFR, estimated glomerular filtration rate; HOMA-IR, homeostasis model assessment of insulin resistance; HDL-C, high-density lipoprotein cholesterol