

**Supplementary Table 2.** Multivariate Cox-hazard regression analyses for association of NODM with baseline cotinine-verified and self-reported smoking status according to sex

Variable	RR (95% CI)	
	Age adjusted	Multivariate
<b>Male</b>		
Urinary cotinine level <sup>a</sup>	1.05 (1.03–1.07)	1.04 (1.01–1.06)
Cotinine-verified current smoking <sup>b</sup>	1.39 (1.22–1.58)	1.27 (1.07–1.50)
Self-reported former smoking <sup>c</sup>	1.39 (1.15–1.69)	1.22 (0.96–1.54)
Self-reported current smoking <sup>c</sup>	1.65 (1.38–1.96)	1.35 (1.07–1.68)
<b>Female</b>		
Urinary cotinine level <sup>a</sup>	0.99 (0.88–1.11)	0.93 (0.76–1.14)
Cotinine-verified current smoking <sup>b</sup>	0.95 (0.45–2.02)	0.52 (0.13–2.10)
Self-reported former smoking <sup>c</sup>	0.69 (0.22–2.17)	0.66 (0.16–2.80)
Self-reported current smoking <sup>c</sup>	0.30 (0.04–2.17)	NA

Multivariate model was adjusted for age, sex, waist circumference, body mass index, vigorous exercise ( $\geq 5$  times/week), daily alcohol consumption, systolic blood pressure, blood urea nitrogen, creatinine, glucose, uric acid, low density lipoprotein cholesterol, high density lipoprotein cholesterol, triglyceride, and high-sensitivity C-reactive protein.

NODM, new-onset diabetes mellitus; RR, relative risk; CI, confidence interval; NA, not applicable.

<sup>a</sup>This value was log-transformed for the analysis, <sup>b</sup>Reference group is baseline cotinine-verified current non-smoking, <sup>c</sup>Reference group is baseline self-reported never smoking.