

Supplemental Table 1 Estimated prevalence of HUA (UA>420 μ mol/L) in Eastern Chinese population.

	Percentage % (95%CI)	
	Overall	Women
Overall	8.4 (7.8, 9.0)	2.1 (1.7, 2.5)
Overall*	8.8 (7.5, 10.1)	1.4 (0.7, 2.0)
Location		
Urban	8.8 (8.1, 9.5)	2.1 (1.7, 2.6)
Rural	7.5 (6.5, 8.5)	1.9 (1.3, 2.6)
Age groups		
<40	9.3 (7.7, 10.9)	0.9 (0.2, 1.6)
40-60	8.0 (7.2, 8.8)	1.3 (0.8, 1.7)
\geq 60	8.5 (7.6, 9.4)	3.5 (2.7, 4.2)
Economic status		
low	8.6 (7.7, 9.5)	1.6 (1.1, 2.0)
high	8.2 (7.5, 9.0)	2.5 (1.9, 3.0)
BMI		
<24	4.2 (3.6, 4.8)	0.9 (0.6, 1.3)
24-28	10.1 (9.1, 11.1)	2.1 (1.4, 2.7)
\geq 28	15.7 (13.8, 17.6)	6.0 (4.4, 7.7)
Glucose status		
normal	7.3 (6.6, 8.0)	1.1 (0.8, 1.5)
prediabetes	10.3 (9.1, 11.4)	3.1 (2.2, 3.9)
diabetes	9.4 (7.8, 10.9)	4.6 (3.0, 6.1)

Body mass index: BMI

* standardized by proportions of population of 6th national population census data

Supplemental table 2 Risk factors for HUA (UA>420 μ mol/L) in Eastern Chinese population.

Risk factors	OR	(95%CI)
Female sex	0.110	0.086, 0.142
Age per 10 years	0.937	0.867, 1.013
Urban residency	2.292	1.654, 3.176
\geq Junior middle school education	1.037	0.835, 1.288
Lipids		
LDL per 1SD	1.014	0.861, 1.193
HDL per 1SD	0.984	0.873, 1.109
TC per 1SD	1.209	1.004, 1.456
TG per 1SD	1.724	1.504, 1.978
Current smoking	0.921	0.755, 1.123
Current drinking	1.008	0.841, 1.209
BMI		
Overweight	1.812	1.448, 2.268
Obesity	2.835	2.191, 3.668
Blood pressure		
SBP per 10mmHg	1.082	1.023, 1.145
DBP per 10mmHg	1.017	0.932, 1.109
High economic status	0.670	0.504, 0.890

Data are expressed as unStandardized B (95%CI). The enter procedure was used.

Body mass index: BMI