

Supplementary Table S1. The sensitivity analyses that excluded 373 (2.9%) subjects with urate-lowering medications: Lower serum urate as a protective factor for the development of hypertension, diabetes, dyslipidemia and chronic kidney disease over 5 years.

Maintaining without hypertension		Crude			Adjusted*		
Women		OR	95% CI	P	OR	95% CI	P
Serum uric acid	per 1 mg/dL decreased	1.760	1.591-1.947	<0.001	1.309	1.171-1.462	<0.001
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Men							
Serum uric acid	per 1 mg/dL decreased	1.173	1.090-1.262	<0.001	1.151	1.063-1.246	<0.001
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Maintaining without diabetes mellitus		Crude			Adjusted†		
Women		OR	95% CI	P	OR	95% CI	P
Serum uric acid	per 1 mg/dL decreased	1.835	1.516-2.220	<0.001	1.206	0.969-1.502	0.093
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Men							
Serum uric acid	per 1 mg/dL decreased	1.172	1.039-1.321	0.010	1.08	0.950-1.227	0.24
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Maintaining without dyslipidemia		Crude			Adjusted‡		
Women		OR	95% CI	P	OR	95% CI	P
Serum uric acid	per 1 mg/dL decreased	1.317	1.207-1.436	<0.001	1.127	1.027-1.237	0.012
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Men							
Serum uric acid	per 1 mg/dL decreased	1.190	1.104-1.282	<0.001	1.146	1.058-1.242	<0.001
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Maintaining without chronic kidney disease		Crude			Adjusted¶		
		OR	95% CI	P	OR	95% CI	P
Women							
Serum uric acid	per 1 mg/dL decreased	1.660	1.540-1.791	<0.001	1.422	1.309-1.545	<0.001
Men							
Serum uric acid	per 1 mg/dL decreased	1.157	1.092-1.227	<0.001	1.245	1.166-1.329	<0.001

OR, odds ratio; CI, confidence interval; p, probability

*Data adjusted for age, body mass index, smoking and drinking habits, diabetes mellitus, dyslipidemia, chronic kidney disease, and serum uric acid.

†Data adjusted for age, body mass index, smoking and drinking habits, hypertension, dyslipidemia, chronic kidney disease, and serum uric acid.

‡Data adjusted for age, body mass index, smoking and drinking habits, hypertension, diabetes mellitus, chronic kidney disease, and serum uric acid.

¶Data adjusted for age, body mass index, smoking and drinking habits, hypertension, diabetes mellitus, dyslipidemia, and serum uric acid.