

**Supplementary Table 1.** Univariable analyses for chronic kidney disease

Variable	OR	95% CI	<i>p</i>
Sex, female	1.25	0.73–2.10	0.416
Age, year	1.11	1.08–1.15	<0.001
BMI, kg/m <sup>2</sup>	1.01	0.94–1.09	0.750
Average sleep duration per day			<0.001
<6 h	3.44	1.85–6.42	<0.001
6 to <8 h	Reference		
≥8 h	2.41	1.28–4.50	0.006
Agriculture types			0.885
Crop cultivation	Reference		
Fruit production	0.99	0.46–2.11	0.971
Vegetable production	1.13	0.51–2.48	0.770
Livestock production	0.50	0.10–2.48	0.400
Others	NA		
Average working time per day			0.842
<1 h	Reference		
1–2 h	0.59	0.17–1.98	0.397
2–3 h	0.48	0.15–1.54	0.220
3–4 h	0.48	0.15–1.50	0.207
>4 h	0.55	0.18–1.63	0.285
Education level			<0.001
Elementary school or less	Reference		
Middle school	0.56	0.27–1.14	0.112
High school	0.24	0.12–0.45	<0.001
College or more	0.19	0.08–0.42	<0.001
Yearly income level, Korean Won, million			0.006
<15	Reference		
15–29	0.22	0.07–0.60	0.004
30–59	0.49	0.22–1.09	0.082
≥60	0.97	0.52–1.80	0.932
Exercise times per week			0.789
None	Reference		
1–3 times	0.77	0.34–1.71	0.526
4–7 times	0.88	0.43–1.76	0.717
Subjective health status			<0.001
Poor	Reference		
Average	0.24	0.12–0.44	<0.001
Good	0.26	0.13–0.47	<0.001
Pesticide spraying method			0.940
Self-spraying	Reference		
Spreader assistant	1.03	0.48–2.22	0.933
Self-spraying or assistant	0.69	0.20–2.36	0.553
No spraying	0.82	0.09–6.79	0.854
Alcohol intake per month			0.003
No alcohol intake	Reference		
1 time or less	0.34	0.13–0.84	0.020
2–4 times	0.59	0.25–1.39	0.232
5 times or more	0.22	0.09–0.51	<0.001
Smoking	0.92	0.56–1.51	0.732
Cardiovascular diseases	2.92	1.36–5.96	0.004
Hypertension	3.59	2.16–6.07	<0.001
Diabetes	2.78	1.51–4.99	0.001
Hyperlipidemia	2.09	1.11–3.81	0.018
Thyroid diseases	0.99	0.28–2.65	0.978
Cancer	0.92	0.26–2.50	0.886

OR: odds ratio, CI: confidence interval, BMI: body mass index, NA: not available