Supplementary Table

Table S1. Discrepancy between the data before deleting the missing value and after deleting the missing value

	Group1 N=7114	Group 2 N=6836	P value
Age			>0.05
Age, years	65 (10.0)	64.9 (9.9)	
Sex			>0.05
Male	3345 (47.0%)	3239 (47.4%)	
Female	3769 (53.0%)	3597 (52.6%)	
School education level			>0.05
No education and Primary school	4868 (68.4%)	4671 (68.3%)	
Secondary school	2102 (29.5%)	2025 (29.6%)	
Junior college and above	144 (2.0%)	140 (2.0%)	
Employment status			>0.05
Employed	3778 (53.2%)	3662 (53.6%)	
Jobless	17 (0.2%)	17 (0.2%)	
Unemployed	3025 (42.6%)	2881 (42.2%)	
Retired	284 (4.0%)	269 (3.9%)	
Smoking status			>0.05
Non-smoker	5438 (76.5%)	5214 (76.3%)	
Smoker	1673 (23.5%)	1619 (23.7%)	
Frequency of alcohol consumption			>0.05
More than once a month	1697 (23.9%)	1652 (24.2%)	
Less than once a month	479 (6.7%)	455 (6.7%)	
No drinking	4935 (69.4%)	4726 (69.2%)	
Physical examination			>0.05
No	4053 (57.0%)	3878 (56.8%)	
Yes	3052 (43.0%)	2951 (43.2%)	
Health insurance			>0.05
No public health insurance	258 (3.6%)	245 (3.6%)	
UEBMI	1079 (15.2%)	1030 (15.1%)	
URRBMI	914 (12.9%)	880 (12.9%)	
URBMI	325 (4.6%)	307 (4.5%)	
NRCMS	4427 (62.3%)	4269 (62.5%)	
Other	103 (1.4%)	99 (1.4%)	
Socioeconomic status			>0.05
Quartile 1 (lowest)	1601 (23.4%)	1638 (24.0%)	
Quartile 2	1761 (25.8%)	1785 (26.1%)	
Quartile 3	1818 (26.6%)	1759 (25.7%)	
Quartile 4 (highest)	1652 (24.2%)	1650 (24.2%)	
Region			>0.05
East	2261 (31.8%)	2155 (31.5%)	

Central	2010 (28.3%)	1928 (28.2%)	
West	2329 (32.7%)	2250 (32.9%)	
Northeast	514 (7.2%)	503 (7.4%)	
Number of people in the household			>0.05
Population	2.7 (1.4)	2.7 (1.4)	
Impoverished			>0.05
No	6152 (91.7%)	6152 (91.7%)	
Yes	558 (8.3%)	558(8.3%)	

Group 1: the data before deleting the missing value.

Group 2: the data after deleting the missing value.

Table S2. Determinants of catastrophic health expenditure among patients with hypertension

	Odds ratio (95% CI)	**P value**
Number of chronic diseases	1.17 (1.14, 1.21)	<0.001
Age, per 5 years	1.11 (1.08, 1.15)	<0.001
Sex		
Male	1 (ref)	
Female	0.82 (0.72, 0.93)	0.002
Education		
No education and primary school	1 (ref)	
Secondary school	0.81 (0.71, 0.93)	0.002
College and above	0.70 (0.46, 1.07)	0.100
Work status		
Employed	1 (ref)	
Jobless†	0.85 (0.30, 2.41)	0.753
Unemployed	1.21 (1.07, 1.36)	0.002
Retired	0.84 (0.62, 1.14)	0.252
Smoking status		
Non-smoker	1 (ref)	
Smoker	0.81 (0.70, 0.93)	0.003
Frequency of drinking		
>1 time/month	1 (ref)	
<1 time/month	1.10 (0.87, 1.39)	0.443
Never	1.40 (1.21, 1.62)	<0.001
Physical examination		
No	1 (ref)	
Yes	1.09 (0.98, 1.21)	0.115
Health insurance		
No basic medical insurance	1 (ref)	
UEBMI	0.87 (0.63, 1.19)	0.383
URRBMI	1.41 (1.03, 1.92)	0.032
URBMI	0.87 (0.60, 1.26)	0.458

NRCMS	1.36 (1.03, 1.81)	0.033
Other*	0.81 (0.47, 1.39)	0.439
Socioeconomic status		
Quartile 1 (lowest)	1 (ref)	
Quartile 2	0.92 (0.79, 1.06)	0.248
Quartile 3	0.88 (0.76, 1.02)	0.085
Quartile 4 (highest)	1.03 (0.88, 1.20)	0.714
Area		
East	1 (ref)	
Central	1.12 (0.98, 1.28)	0.104
West	1.13 (0.99, 1.29)	0.068
Northeast	1.09 (0.88, 1.35)	0.442
Number of family members	0.82 (0.79, 0.85)	<0.001
Impoverished		
No	1 (ref)	
Yes	1.56 (1.29, 1.87)	<0.001

†Jobless refers to participants who have no ability to work, and unemployed means that participants are able to work but without work opportunities.

*Other refers to Government Employee Health Insurance.

Abbreviations: CI, confidence interval; NRCMS, New Rural Cooperative Medical Scheme; UEBMI, Urban Employee Basic Medical insurance; URBMI, Urban Resident Basic Medical insurance; URRBMI, Urban and Rural Resident Basic Medical Insurance.