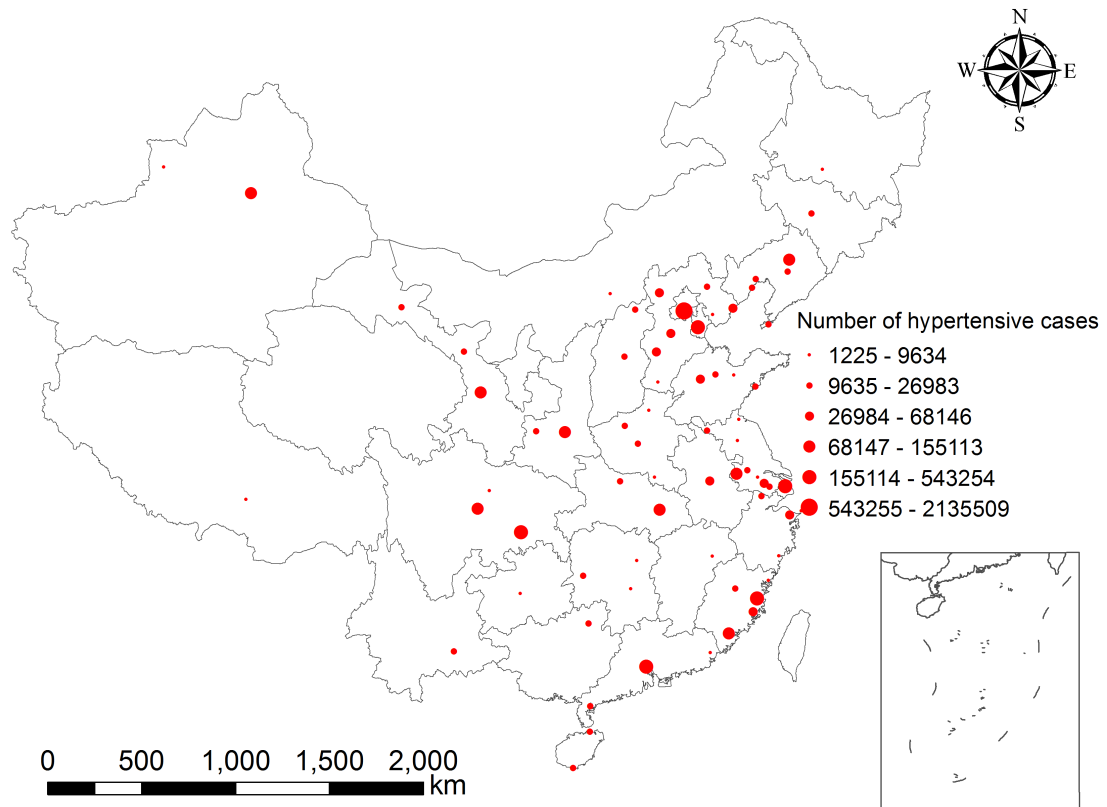
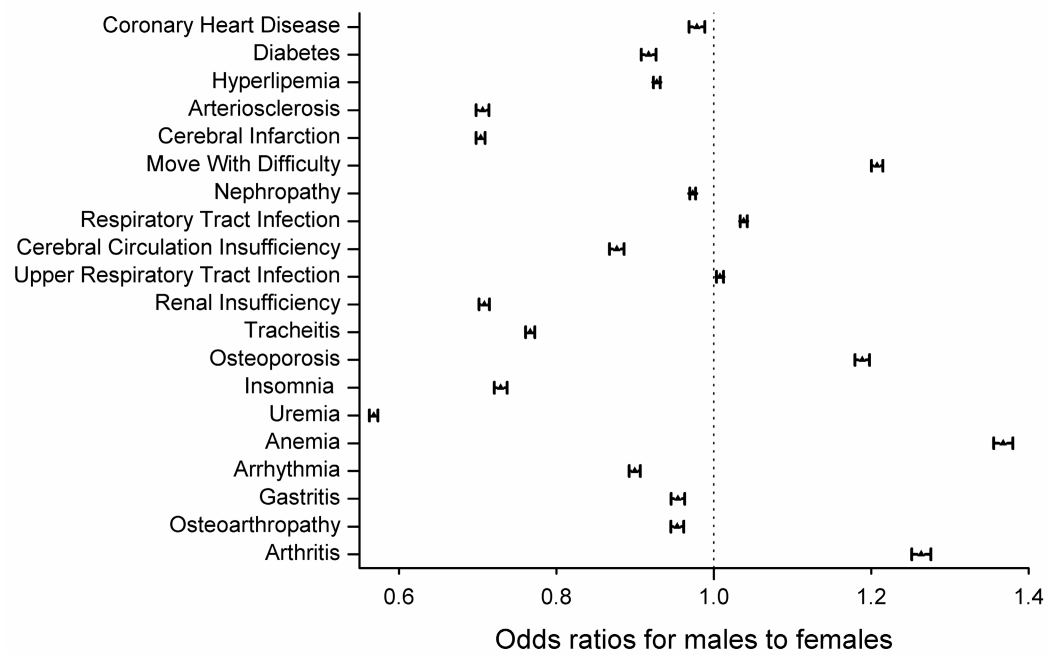


## Supplementary Materials

**Figure S1. Geographical distribution of the number of hypertension-related records.**



**Figure S2. Odds ratios of comorbidities of hypertension for males to females in China.**



**Table S1. Top comorbidity pairs of hypertension.**

<b>No.</b>	<b>Comorbidity Pairs</b>		<b>Detection Rate (%)</b>	<b>95% CI</b>
1	Arteriosclerosis	Coronary Heart Disease	10.11	10.08-10.13
2	Coronary Heart Disease	Hyperlipemia	6.99	6.97-7.01
3	Arteriosclerosis	Hyperlipemia	5.77	5.75-5.79
4	Diabetes	Coronary Heart Disease	4.89	4.87-4.90
5	Diabetes	Hyperlipemia	3.55	3.54-3.57
6	Arteriosclerosis	Diabetes	3.16	3.14-3.17
7	Upper Respiratory Tract Infection	Respiratory Tract Infection	3.07	3.06-3.09
8	Coronary Heart Disease	Cerebral Infarction	2.16	2.15-2.17
9	Move With Difficulty	Coronary Heart Disease	2.14	2.13-2.15
10	Move With Difficulty	Hyperlipemia	1.99	1.98-2.00
11	Tracheitis	Bronchiolitis	1.91	1.90-1.92
12	Anemia	Nephropathy	1.89	1.87-1.90
13	Uremia	Nephropathy	1.88	1.87-1.89
14	Hyperlipemia	Cerebral Infarction	1.86	1.85-1.87
15	Arrhythmia	Coronary Heart Disease	1.79	1.78-1.80