

Supplementary Table 1. Comparison between included and excluded persons

	Included persons (n=35,519)	Excluded persons (n=6,502)	<i>P</i> values*
Age, yr, mean (SD)	49 (10)	49 (11)	0.04
Male sex, no (%)	19399 (55)	2691 (41)	<0.001
BMI, kg/m ² , mean (SD)	23.8 (3.1)	23.5 (3.2)	0.001
Family history of gastric cancer, no (%)	4042 (11)	670 (10)	0.01
Diabetes, no (%)	1892 (5)	304 (5)	0.03
Hypertension, no (%)	5143 (15)	845 (13)	0.002
Blood level, mg/dL, mean (SD)			
Total cholesterol	200 (36)	198 (36)	0.008
Triglyceride	116 (86)	109 (80)	<0.001
Low density lipoprotein	124 (32)	125 (32)	0.20
High density lipoprotein	57 (14)	57 (15)	0.07
Glucose	90 (20)	93 (23)	0.001

**P*-values were derived from t-test or chi-square test.

Supplementary Table 2. Characteristics of host by *H. pylori*

	Absence of <i>H. pylori</i>	Presence of <i>H. pylori</i>	<i>P</i> values*
	(n=16,032)	(n=17,754)	
Age, yr, mean (SD)	48 (11)	49 (10)	<0.001
Male sex, no (%)	8209 (51)	10150 (57)	<0.001
BMI, kg/m ² , mean (SD)	23.6 (3.1)	23.9 (3.0)	<0.001
Current smoker, no (%)	4282 (28)	5096 (29)	0.001
Current drinker, no (%)	9692 (64)	11228 (66)	0.001
Diabetes, no (%)	828 (5)	968 (6)	0.25
Hypertension, no (%)	2246 (14)	2581 (15)	0.17
Blood level, mg/dL, mean (SD)			
Total cholesterol	198 (36)	201 (36)	<0.001
Triglyceride	113 (84)	119 (88)	<0.001
Low density lipoprotein	122 (31)	127 (32)	<0.001
High density lipoprotein	58 (15)	56 (14)	<0.001
Glucose	89 (20)	90 (21)	0.006

*P values were derived from chi-square test or t-test between absence of gastric neoplasm and presence of each gastric neoplasm.