

Supplementary Table 3. Contributing Factors of Gastric Cancer According to Sex (Univariate Analysis)

Factor	Total		Men		Women	
	OR (95% CI)	P-value	OR (95% CI)	P-value	OR (95% CI)	P-value
Male sex	2.65 (2.55~2.77)	<0.001				
Low HDL	1.27 (1.17~1.28)	<0.001	1.52 (1.44~1.61)	<0.001	1.49 (1.39~1.60)	<0.001
Fasting glucose						
<110 mg/dL	1		1		1	
110~125 md/dL	1.41 (1.33~1.49)	<0.001	1.19 (1.11~1.27)	<0.001	1.43 (1.29~1.60)	<0.001
≥126 md/dL or DM	1.75 (1.64~1.85)	<0.001	1.46 (1.36~1.56)	<0.001	1.69 (1.50~1.90)	<0.001
Body mass index (kg/m ²)						
<18.5	1.60 (1.44~1.78)	<0.001	1.82 (1.61~2.05)	<0.001	1.17 (0.95~1.44)	0.151
18.5~23	1		1		1	
23~25	0.98 (0.93~1.03)	0.349	0.81 (0.76~0.86)	<0.001	1.07 (0.98~1.17)	0.144
25~30	0.94 (0.90~0.99)	0.010	0.72 (0.68~0.77)	<0.001	1.13 (1.04~1.23)	0.004
≥30	0.76 (0.68~0.86)	<0.001	0.66 (0.57~0.78)	<0.001	0.97 (0.80~1.17)	0.720
Age						
<50 years	1		1		1	
50~59 years	2.12 (1.98~2.26)	<0.001	2.65 (2.43~2.89)	<0.001	1.52 (1.37~1.69)	<0.001
60~69 years	3.51 (3.28~3.74)	<0.001	4.35 (4.00~4.74)	<0.001	2.30 (2.06~2.56)	<0.001
≥70 years	5.48 (5.13~5.85)	<0.001	6.61 (6.07~7.20)	<0.001	4.02 (3.62~4.47)	<0.001
Chronic disease						
Cerebrovascular disease	1.39 (1.34~1.45)	<0.001	1.71 (1.46~1.99)	<0.001	1.74 (1.33~2.28)	<0.001
Heart disease	1.88 (1.65~2.15)	<0.001	1.21 (1.07~1.37)	0.002	1.43 (1.19~1.71)	<0.001
Hypertension	1.33 (1.20~1.47)	<0.001	1.33 (1.26~1.40)	<0.001	1.48 (1.37~1.59)	<0.001
Family history of gastric cancer	1.37 (1.29~1.46)	<0.001	1.36 (1.26~1.47)	<0.001	1.45 (1.30~1.61)	<0.001
Smoking status						
No	1		1		1	
Past	2.09 (1.99~2.20)	<0.001	1.15 (1.08~1.22)	<0.001	1.42 (1.11~1.81)	0.004
Current	2.08 (1.99~2.18)	<0.001	1.18 (1.11~1.25)	<0.001	1.31 (1.01~1.55)	0.002
Drinking status (number/week)						
0	1		1		1	
1~2	0.99 (0.94~1.03)	0.557	0.65 (0.62~0.69)	<0.001	0.76 (0.68~0.83)	<0.001
3~4	1.39 (1.30~1.48)	<0.001	0.79 (0.74~0.85)	<0.001	0.99 (0.81~1.22)	0.960
5~7	2.02 (1.89~2.17)	<0.001	1.13 (1.05~1.22)	0.001	0.96 (0.69~1.35)	0.823

Low HDL refers to HDL levels <40 mg/dL in men and <50 mg/dL in women.

Family history of gastric cancer is the first-degree relative to gastric cancer.

OR, odds ratio; CI, confidence interval; HDL, high-density lipoprotein; DM, diabetes mellitus.