

**Supplemental Table S3.** Hazard Ratios for Acute Myocardial Infarction, Coronary Artery Disease, and Cerebrovascular Disease according to Triglyceride-Glucose Index

Variable	Acute myocardial infarction					
	Univariate			Multivariate		
	HR	95% CI	P value	HR	95% CI	P value
Acute myocardial infarction						
TyG index						
Q1	Reference			Reference		
Q2	0.92	0.57–1.50	0.749	0.74	0.45–1.22	0.244
Q3	1.37	0.87–2.14	0.172	0.86	0.54–1.40	0.553
Q4	1.99	1.31–3.01	0.001	1.07	0.66–1.71	0.794
Age	1.06	1.04–1.08	<0.001	1.05	1.03–1.07	<0.001
Sex	0.72	0.54–0.97	0.032	0.62	0.42–0.91	0.014
Body mass index	1.06	1.01–1.11	0.014	1.04	0.98–1.09	0.173
Diabetes mellitus	2.63	1.80–3.84	<0.001	1.68	1.11–2.56	0.015
Hypertension	3.18	2.36–4.29	<0.001	2.42	1.74–3.38	<0.001
Total cholesterol	1.008	1.004–1.012	<0.001	1.005	1.000–1.009	0.033
Smoking	1.53	1.11–2.11	0.009	1.69	1.14–2.51	0.009
Alcohol	0.76	0.52–1.13	0.171	0.52	0.34–0.81	0.003
Exercise	1.13	0.83–1.53	0.431	1.23	0.89–1.69	0.212
hsCRP	1.04	0.85–1.28	0.696	0.96	0.69–1.34	0.819
Coronary artery disease						
TyG index						
Q1	Reference			Reference		
Q2	1.56	1.17–2.07	0.002	1.30	0.97–1.75	0.077
Q3	1.60	1.20–2.13	0.001	1.17	0.87–1.59	0.306
Q4	2.18	1.67–2.86	<0.001	1.36	1.00–1.84	0.050
Age	1.06	1.05–1.08	<0.001	1.06	1.04–1.07	<0.001
Sex	0.98	0.82–1.17	0.815	0.91	0.72–1.16	0.450
Body mass index	1.05	1.02–1.08	0.001	1.02	0.99–1.05	0.195
Diabetes mellitus	1.93	1.50–2.49	<0.001	1.42	1.08–1.86	0.013
Hypertension	2.65	2.20–3.18	<0.001	1.87	1.52–2.29	<0.001
Total cholesterol	1.005	1.003–1.008	<0.001	1.003	1.000–1.006	0.020
Smoking	1.24	1.01–1.52	0.039	1.40	1.09–1.81	0.009
Alcohol	0.88	0.70–1.10	0.272	0.82	0.63–1.06	0.135
Exercise	0.71	0.58–0.87	0.001	0.82	0.67–1.01	0.066
hsCRP	1.08	0.98–1.18	0.102	1.03	0.91–1.17	0.589
Cerebrovascular disease						
TyG index						
Q1	Reference			Reference		
Q2	1.10	0.81–1.50	0.537	0.99	0.73–1.36	0.967
Q3	1.43	1.07–1.92	0.017	1.19	0.87–1.61	0.277
Q4	2.03	1.54–2.67	<0.001	1.49	1.09–2.02	0.011

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Supplemental Table S3. Continued

Variable	Acute myocardial infarction					
	Univariate			Multivariate		
	HR	95% CI	<i>P</i> value	HR	95% CI	<i>P</i> value
Age	1.07	1.06–1.08	<0.001	1.06	1.05–1.08	<0.001
Sex	0.83	0.69–1.01	0.066	0.89	0.69–1.15	0.369
Body mass index	1.02	0.99–1.05	0.242	1.01	0.97–1.04	0.698
Diabetes mellitus	1.88	1.42–2.47	<0.001	1.28	0.95–1.72	0.101
Hypertension	2.28	1.86–2.78	<0.001	1.60	1.29–1.99	<0.001
Total cholesterol	1.003	1.000–1.006	0.034	1.000	0.998–1.003	0.666
Smoking	1.37	1.11–1.69	0.003	1.41	1.09–1.84	0.009
Alcohol	1.19	0.95–1.48	0.132	1.08	0.83–1.41	0.566
Exercise	0.70	0.57–0.87	0.001	0.83	0.66–1.03	0.092
hsCRP	1.13	1.05–1.23	0.002	1.12	1.02–1.22	0.014

HRs of each component of cardiovascular disease for median 15.6 years of follow-up were evaluated with Cox proportional hazard model. Each variable including quartiles of TyG index was evaluated for the risk of incident cerebrovascular disease in univariate analysis. Multivariate analysis was adjusted for age, sex, body mass index, diabetes mellitus, hypertension, total cholesterol, smoking, alcohol, exercise, and hsCRP.

HR, hazard ratio; CI, confidence interval; TyG, triglyceride-glucose; hsCRP, high-sensitivity C-reactive protein.