Supplementary Table S1. Sensitivity analyses of the association between the preoperative triglyceride–glucose index and all-cause mortality

Panel A. Association per 1-SD increase in TyG

Analysis	N	Events	HR (95% CI)	*P* value
Primary fully adjusted model	492	121	1.29 (1.06–1.57)	0.011
Sex-stratified Cox model	492	121	1.29 (1.06–1.58)	0.011
Elective surgery only	461	114	1.31 (1.07–1.60)	0.009

The primary model was adjusted for age, sex, body mass index, diabetes mellitus, hypertension, emergency surgery, tumor site, ECOG performance status, TNM stage, and tumor differentiation.

In the sex-stratified model, sex was incorporated as a stratification factor rather than as a regression coefficient. In the elective-surgery-only analysis, emergency surgery was not included as a covariate because all patients underwent elective surgery.

HRs are presented per 1-SD increase in the TyG index.