



Supplementary Figure S1 Leave-one-out analysis plots demonstrating causal relationships between exposures (inflammatory cytokines) and outcomes (malignant neoplasms of the stomach and adenocarcinoma and papillary adenocarcinoma of the stomach). **(A)** The leave-one-out plot of interleukin-10 receptor subunit beta levels (IL-10RA) and the malignant neoplasm of the stomach; **(B)** Leave-one-out plot of matrix metalloproteinase-1 levels (MMP-1) and the malignant neoplasm of the stomach; **(C)** Leave-one-out plot of tumor necrosis factor ligand superfamily member 14 levels (TNFSF14) and the malignant neoplasm of the stomach; **(D)** Leave-one-out plot between interleukin-10 receptor subunit beta levels and the adenocarcinoma and papillary adenocarcinoma of the stomach; **(E)** Leave-one-out plot between interleukin-17A levels (IL-15RA) and the adenocarcinoma and papillary adenocarcinoma of the stomach; **(F)** Leave-one-out plot between matrix metalloproteinase-1 levels and the adenocarcinoma and papillary adenocarcinoma of the stomach; **(G)** Leave-one-out plot of programmed cell death 1 ligand 1 levels (PD-L1) and the adenocarcinoma and papillary adenocarcinoma of the stomach; **(H)** Leave-one-out plot of TNF-related activation-induced cytokine levels (TRANCE) levels and adenocarcinoma and papillary adenocarcinoma of the stomach.