



**Supplementary Figure 1 Kaplan–Meier analysis of survival of gastric cardia adenocarcinoma patients with different variables ( $n = 4651$ ). A:** Kaplan-Meier curves of overall survival according to age at diagnosis; **B:** Kaplan-Meier curves of overall survival according to differentiation degree; **C:** Kaplan-Meier curves of overall survival in gastric cardia adenocarcinoma patients with different T status; **D:** Kaplan Meier curves of overall survival according to lymph node metastasis.