

Appendix 1 Search keywords

("brain metastatic tumor" OR "brain metastatic tumour" OR "brain tumor metastasis" OR "brain tumour metastasis" OR "cerebral metastasis" OR "metastasis, brain" OR "brain metastasis") AND ("esophageal mass (tumor)" OR "esophageal masses (tumor)" OR "esophageal neoplasms" OR "esophageal tumor" OR "esophageal tumorigenesis" OR "esophagus neoplasm" OR "esophagus tumour" OR "neoplasia of the esophagus" OR "neoplasia of the oesophagus" OR "neoplasm of the esophagus" OR "neoplastic esophageal" OR "neoplastic esophagus" OR "neoplastic oesophageal" OR "oesophageal neoplasms" OR "oesophageal tumor" OR "oesophageal tumour" OR "oesophagus tumor" OR "oesophagus tumour" OR "tumor of the esophagus" OR "tumor, esophagus" OR "tumors of the esophagus" OR "tumour of the oesophagus" OR "tumour, esophagus" OR "tumours of the oesophagus" OR "esophagus tumor")

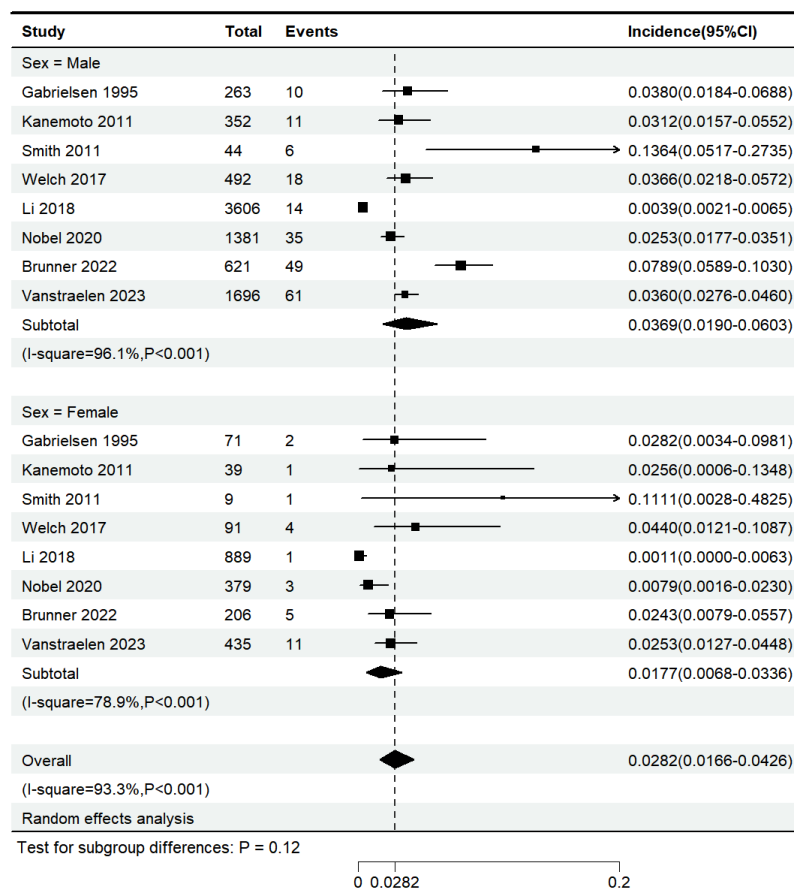


Figure S1 The pooled brain metastasis from esophageal carcinoma incidence of male and female patients via random effects analysis. Subgroups are divided by different sex.

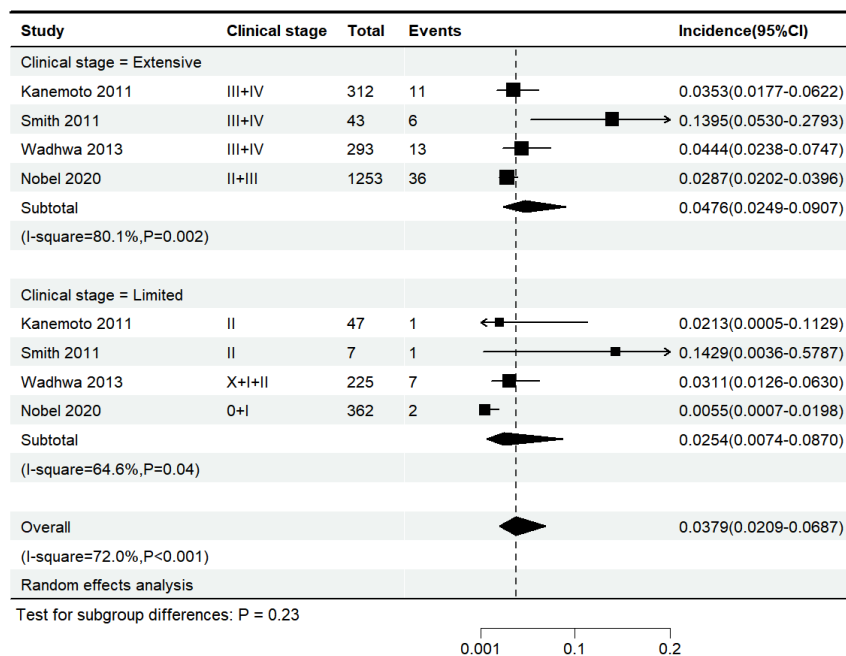


Figure S2 The pooled brain metastasis from esophageal carcinoma incidence of patients with limited and extensive clinical stage via random effects analysis. Subgroups are divided by different clinical stage of primary esophageal carcinoma.

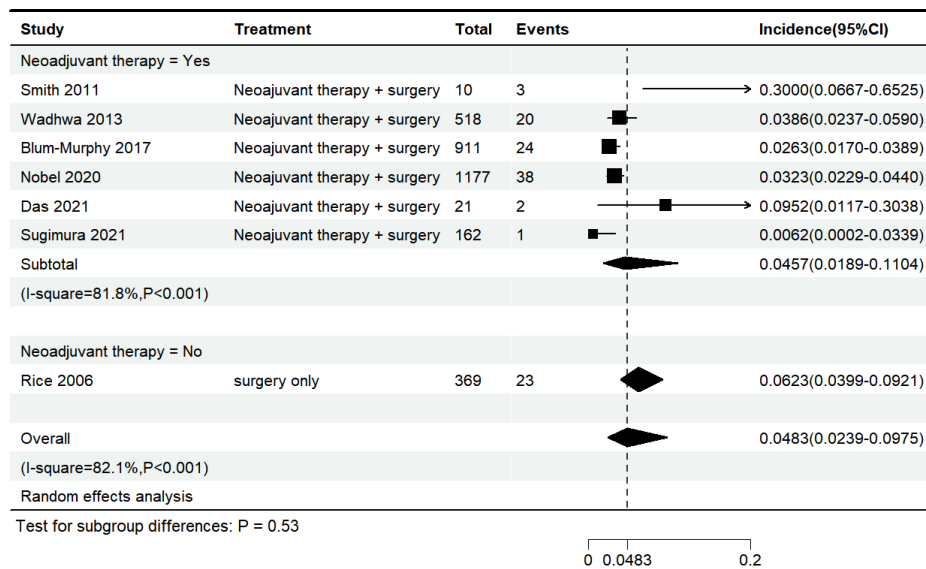


Figure S3 The pooled brain metastasis from esophageal carcinoma incidence of patients with and without neoadjuvant therapy of primary tumor via random effects analysis. Subgroups are divided by the usage of neoadjuvant therapy.

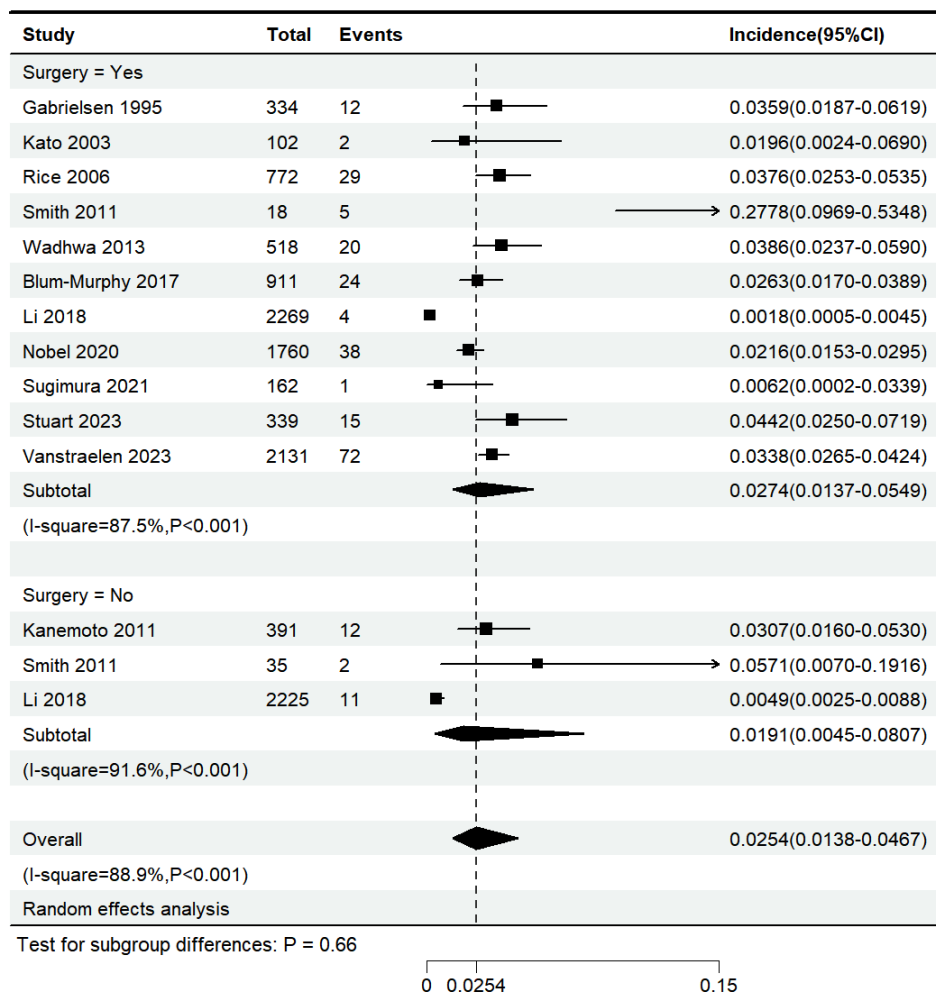


Figure S4 The pooled brain metastasis from esophageal carcinoma incidence of patients with and without surgery of primary tumor via random effects analysis. Subgroups are divided by the usage of surgery.

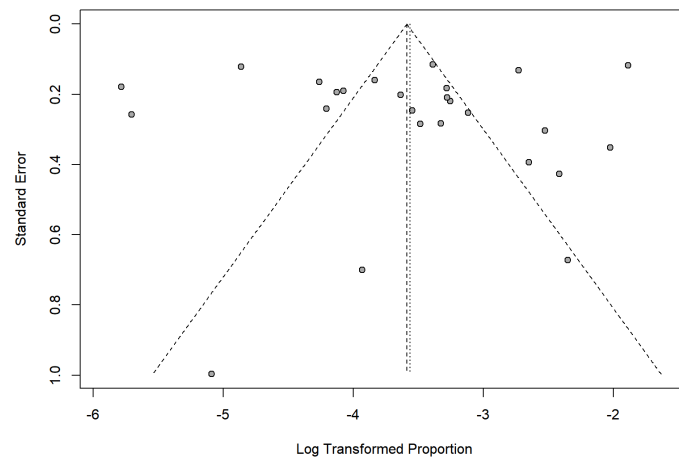


Figure S5 The funnel plot of the meta-analysis of pooled incidence.

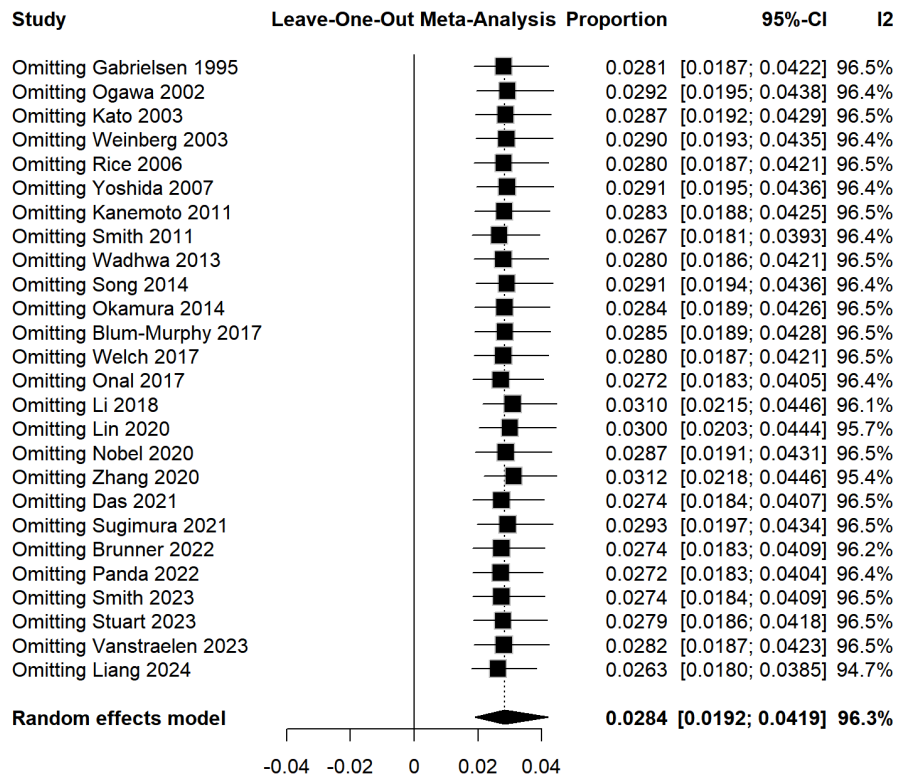


Figure S6 The forest plot of the Leave-1-out meta-analysis of the pooled incidence via random effects analysis.

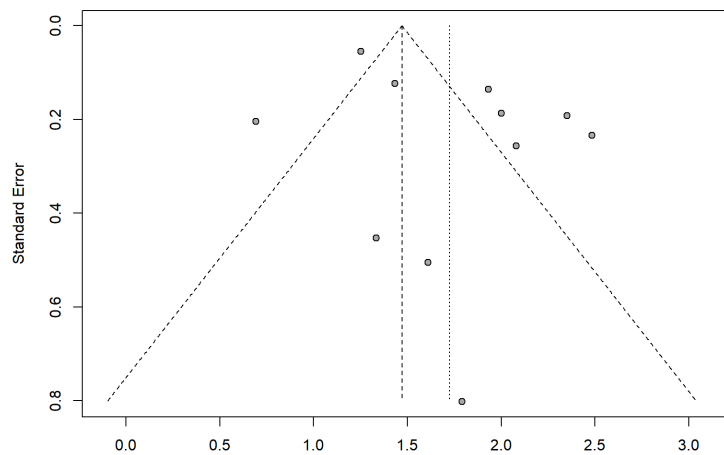


Figure S7 The funnel plot of the meta-analysis of pooled overall survival months.

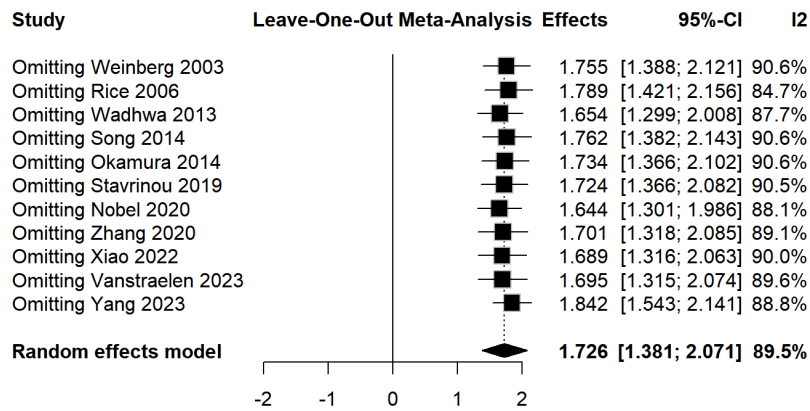


Figure S8 The forest plot of the Leave-1-out meta-analysis of pooled log-transformed overall survival months via random effects analysis.