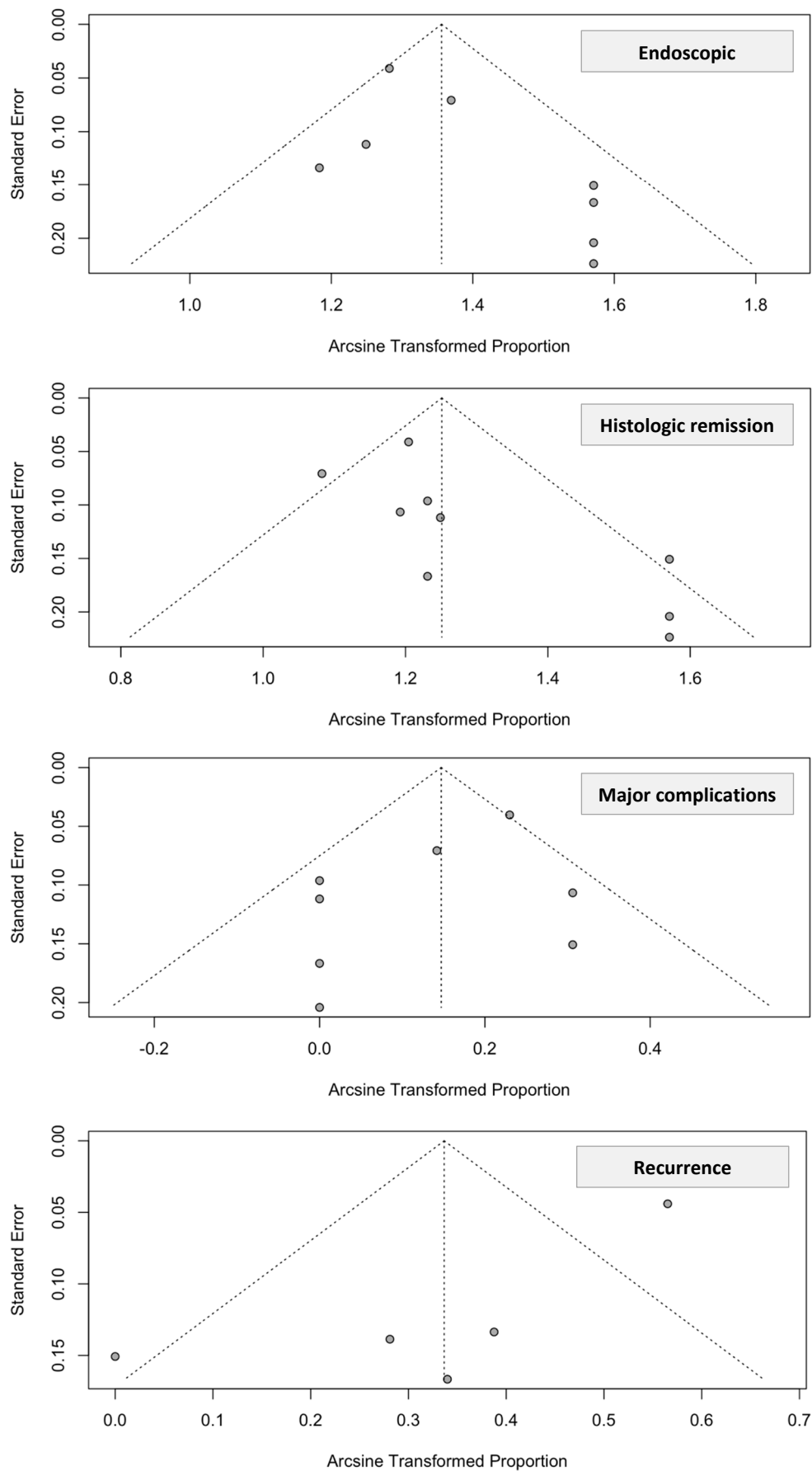


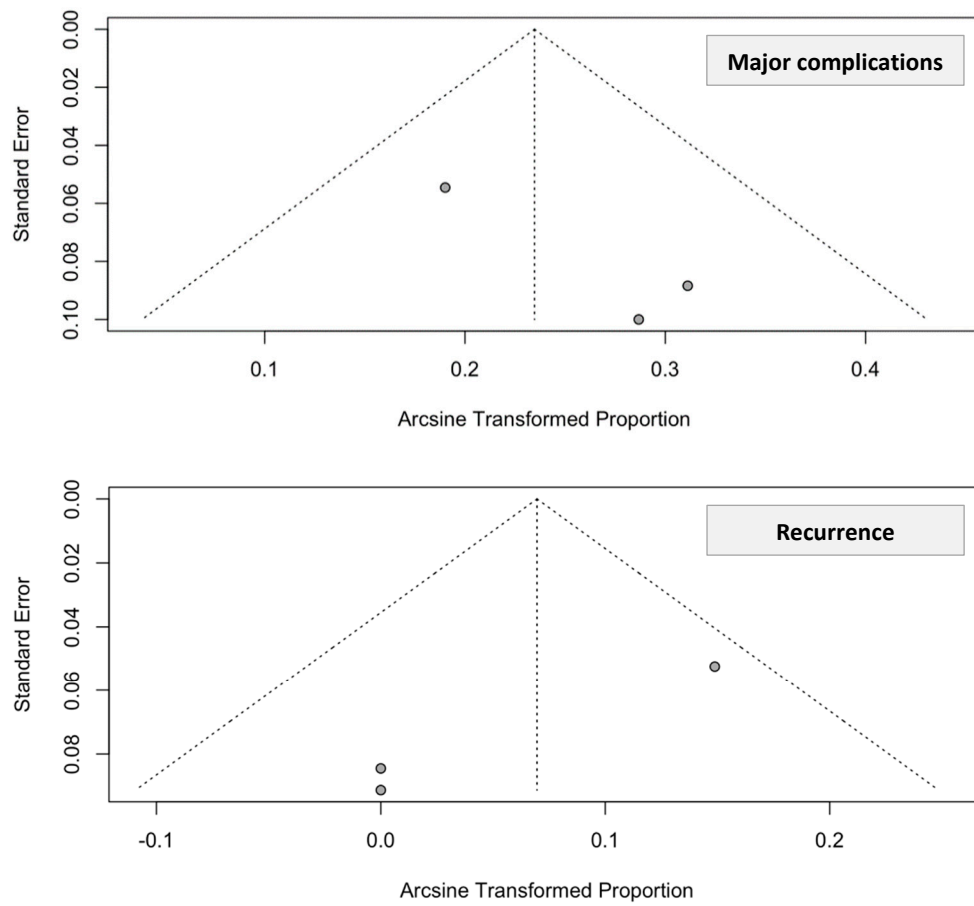
Supplementary Materials

Supplementary Table S1. Search strategy (date of last access 15th December 2022).

Search engine	Terms and keywords	Results
PubMed	“(hybrid argon plasma coagulation OR argon plasma coagulation) AND (colon OR endoscopic mucosal resection OR Barrett esophagus)”	419
Scopus	“(argon AND plasma AND coagulation) AND (Barrett AND esophagus OR colon)”	526
Web of Science	“hybrid argon plasma coagulation”	25
Cochrane Central Register of Controlled Trials (CENTRAL)	“hybrid argon plasma coagulation”	9



Supplementary Figure S1. Funnel plots for the proportions of outcomes' achievement after hybrid argon plasma coagulation (hAPC) for Barrett esophagus (BE) ablation.



Supplementary Figure S2. Funnel plots for the proportions of outcomes' achievement after hybrid argon plasma coagulation (hAPC)-assisted endoscopic mucosal resection (EMR) of colonic lesions with more than 20 mm.

CASP criteria													
Study	1	2	3	4	5a	5b	6a	6b	7	8	9	10	11
Knabe et al., 2022	●	●	●	●	●	●	●	●	●	●	●	●	●
Levenick et al., 2022	●	●	●	●	●	●	●	●	●	●	●	●	●
Morales Martínez et al., 2022	●	●	●	●	●	●	●	●	●	●	●	●	●
Motchum et al., 2022	●	●	●	●	●	●	●	●	●	●	●	●	●
Motz et al., 2022	●	●	●	●	●	●	●	●	●	●	●	●	●
Armenteros Torres, 2021	●	●	●	●	●	●	●	●	●	●	●	●	●
Kashin et al., 2021	●	●	●	●	●	●	●	●	●	●	●	●	●
Shimizu et al., 2021	●	●	●	●	●	●	●	●	●	●	●	●	●
Staudenmann et al., 2021	●	●	●	●	●	●	●	●	●	●	●	●	●
Linn et al., 2020	●	●	●	●	●	●	●	●	●	●	●	●	●
Trindade et al., 2020	●	●	●	●	●	●	●	●	●	●	●	●	●
Nieto and Casas, 2019	●	●	●	●	●	●	●	●	●	●	●	●	●
Manner et al., 2016	●	●	●	●	●	●	●	●	●	●	●	●	●

● Yes | ● Can't tell | ● No

Supplementary Figure S3. Results of the reporting quality analysis, using the Critical Appraisal Skills Programme (CASP) checklist. Checklist criteria: 1. Did the study address a clearly focused issue?; 2. Was the cohort recruited in an acceptable way?; 3. Was the exposure accurately measured to minimize bias?; 4. Was the outcome accurately measured to minimize bias?; 5a. Have the authors identified all important confounding factors?; 5b. Have they take account of the confounding factors in the design and/or analysis?; 6a. Was the follow up of subjects complete enough?; 6b. Was the follow up of subjects long enough? 7. Are the results precise?; 8. Do you believe the results?; 9. Can the results be applied to the local population?; 10. Do the results of this study fit with other available evidence?; 11. Does this study have practical implications?