Supplementary material:

Model (i): 30 day mortality – Cancer patient analysis_endoscopist volume

Variable	Cancer cohort		
	Odds ratio	**95% C.I.**	**P value**
Age≥70	3.72	1.89 – 7.96	0.007
Female Gender	1.10	0.42 – 2.13	0.721
Charlson ≥ 3	2.56	1.26 – 4.98	0.025
Endoscopist volume*	0.12	0.05 – 0.28	<0.001
Cancer surgeon endoscopist	0.78	0.23 – 1.68	0.382

*Endoscopist volume threshold of 2 cases per year used to dichotomise study cohort

**Hospital volume of 8 cases per year used to dichotomise study cohort.

Model (ii): 30-day mortality – Cancer patient analysis_hospital volume

Variable	Cancer cohort		
	Odds ratio	**95% C.I.**	**P value**
Age≥70	3.56	1.09 – 7.22	0.022
Female Gender	1.22	0.41 – 2.56	0.629
Charlson ≥ 3	2.89	1.22 – 4.98	0.022
Hospital volume**	0.24	0.11 – 0.52	<0.001
Cancer surgeon endoscopist	0.68	0.28 – 1.52	0.411

*Endoscopist volume threshold of 2 cases per year used to dichotomise study cohort

**Hospital volume of 8 cases per year used to dichotomise study cohort.

Model (iii): 30-day mortality – Cancer patient analysis_endoscopist_hospital volume

Variable	Cancer cohort		
	Odds ratio	**95% C.I.**	**P value**
Age≥70	3.14	1.29 – 7.60	0.011
Female Gender	1.08	0.55 – 2.10	0.821
Charlson ≥ 3	2.22	1.06 – 4.69	0.036
Endoscopist volume*	0.34	0.17 – 0.68	0.002
Hospital volume**	0.69	0.34 – 1.37	0.283
Cancer surgeon endoscopist	0.72	0.27 – 1.88	0.502

*Endoscopist volume threshold of 2 cases per year used to dichotomise study cohort

**Hospital volume of 8 cases per year used to dichotomise study cohort.