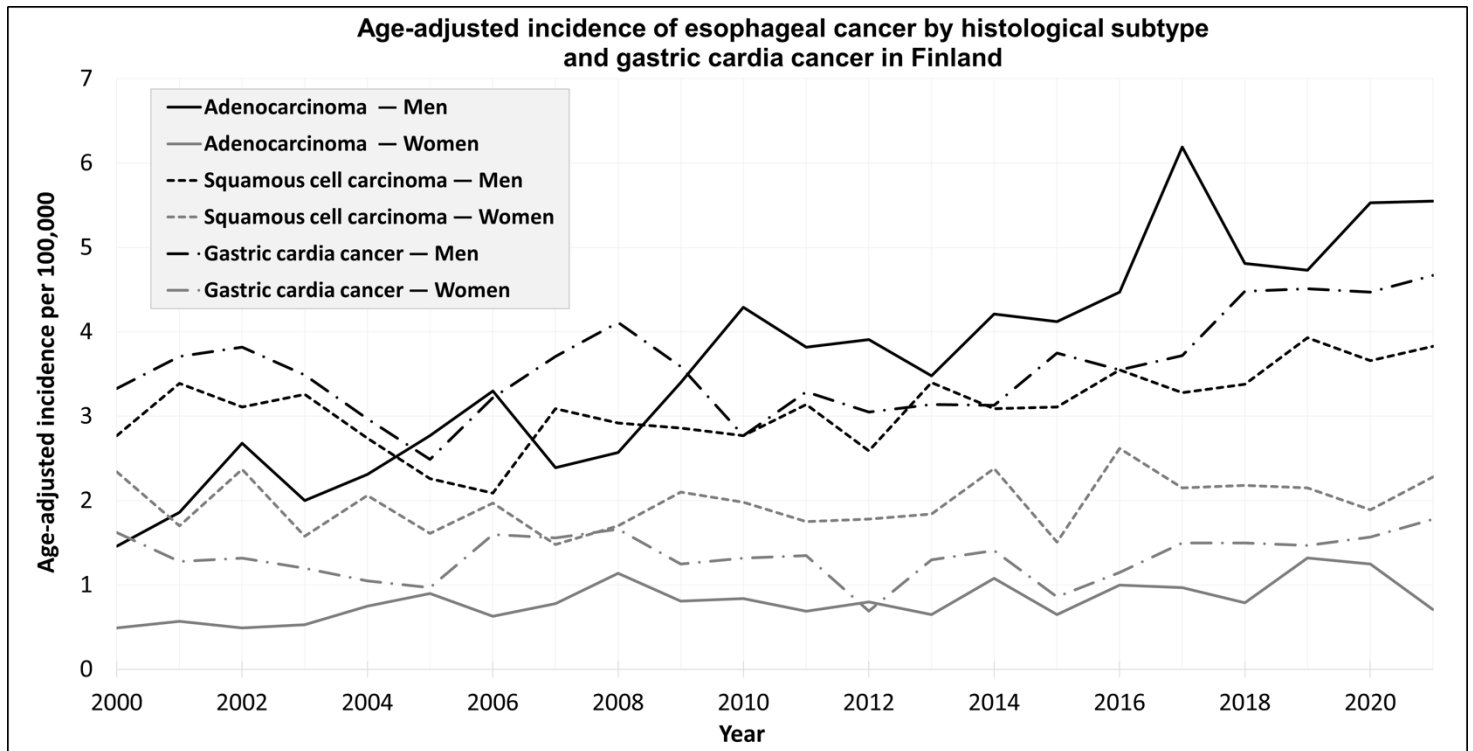


Supplementary material has been published as submitted. It has not been copyedited, or typeset by Acta Oncologica

### SUPPLEMENTARY APPENDIX

Appendix A. Incidence of esophageal cancer subtypes and gastric cardia cancer in Finland from 2000 to 2021.



Appendix B. Joinpoint regression age-standardized incidence trends of esophageal cancers in Finland from 2000 to 2021, (APC = Annual percentage change, CI = Confidence interval, age-standardization based on the European standard population)

	All esophageal cancers	Esophageal squamous cell carcinoma	Esophageal adenocarcinoma
	APC (95% CI)		
All	1.0 (0.5 to 1.6)	2000 to 2006: -5.2 (-15.3 to -1.3) 2006 to 2021: 0.8 (-0.1 to 4.2) 2000 to 2021: -0.9 (-1.7 to 0.1)	3.6 (2.5 to 5.0)
Male	1.3 (0.6 to 2.0)	2000 to 2006: -6.5 (-20.3 to -1.1) 2006 to 2021: 0.9 (-0.4 to 7.2) 2000 to 2021: -1.2 (-2.3 to 0.2)	3.5 (2.5 to 4.8)
Female	-0.2 (-1.2 to 1.0)	-0.5 (-1.9 to 1.1)	1.8 (-0.1 to 4.4)

Appendix C. Secondary results from datasets where cases of unspecified histology were allocated to either AC or SCC in Finland from 2000 to 2021. (N = number of cases, APC = Annual percentage change, CI = Confidence interval, age-standardization based on the European standard population)

	Esophageal squamous cell carcinoma			Esophageal adenocarcinoma		
	N	Age-standardized incidence (95% CI)	APC (95% CI)	N	Age-standardized incidence (95% CI)	APC (95% CI)
All	3357	2.9 (2.5 to 3.4)	-1.0 (-1.5 to -0.4)	2887	2.4 (2.0 to 2.8)	2.8 (2.1 to 3.4)
Men	1980	3.9 (3.1 to 4.7)	-0.9 (-1.6 to -0.2)	2342	4.5 (3.6 to 5.3)	3.1 (2.4 to 3.8)
Women	1377	2.1 (1.6 to 2.6)	-1.0 (-1.8 to -0.1)	545	0.8 (0.5 to 1.1)	1.6 (0.1 to 3.1)
Age group		Age-specific incidence (95% CI)			Age-specific incidence (95% CI)	
Under 50	104	0.2 (0.1 to 0.2)	1.6 (-2.2 to 5.6)	155	0.2 (0.2 to 0.2)	4.7 (1.7 to 7.9)
50 – 59	454	2.7 (2.5 to 2.9)	-3.0 (-4.4. to -1.5)	491	2.9 (2.6 to 3.2)	1.6 (0.2 to 3.1)
60 – 69	1051	7.4 (7.0 to 7.9)	0.8 (-0.2 to 1.8)	874	6.2 (5.8 to 6.6)	3.7 (2.5 to 4.9)
70 – 79	983	10.0 (9.4 to 10.7)	0.1 (-0.8 to 1.1)	890	9.1 (8.5 to 9.7)	3.0 (1.9 to 4.1)
Over 80	766	13.8 (12.9 to 14.8)	-3.7 (-4.7 to -2.6)	476	8.4 (7.6 to 9.2)	1.7 (0.2 to 3.4)