



KING'S
College
LONDON

Initial UGI national analysis and work programme

Vicki Coupland, Karen Linklater, Elizabeth Davies
Thames Cancer Registry

Cancer Network UGI TSSG Clinical Leads Workshop
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Overview

- Description of dataset
- Initial analyses
- Future programme and outputs

Description of datasets

- Cancer registration data linked to HES, 1998-2003

OG	oesophagus	stomach	
82,277			
HPB	duodenum	liver	bile duct/biliary tract
56,699	gallbladder	ampulla of Vater	pancreas

- Dataset includes....

Patient identifiers,
geographies,

disease type/site,
surgical interventions

Cancer groups

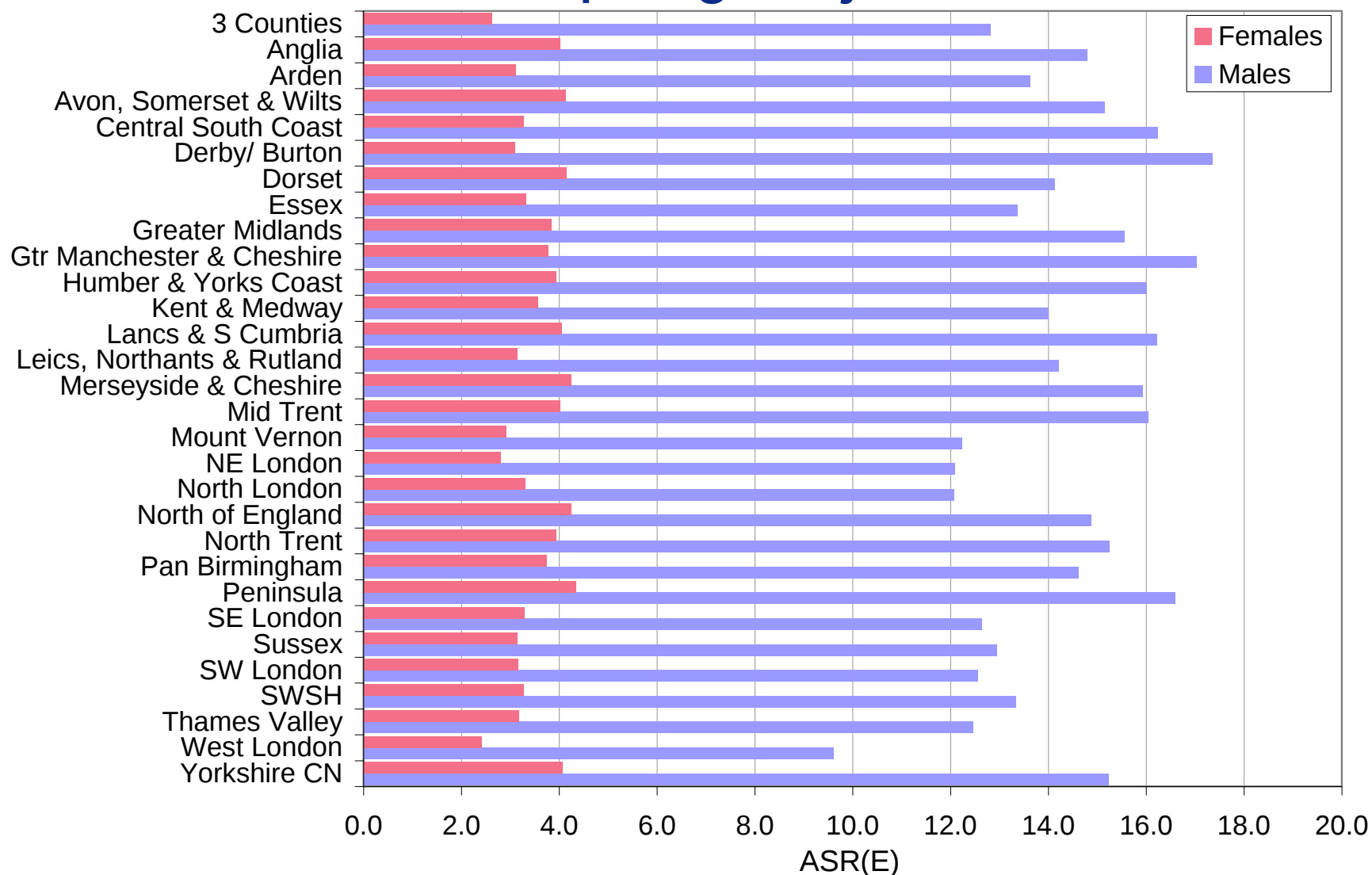
OG cancer groups	Number cases	(%)
Upper oesophagus	11,030	13%
Gastro-oesophageal junction	32,741	40%
Stomach (excl cardia)	34,370	42%
Oesophagus unknown	4,136	5%
	82,277	

HPB cancer groups	Number cases	(%)
Duodendum	1,430	3%
Liver	8,091	14%
Bile duct/biliary tract	6,881	12%
Gallbladder	2,484	4%
Ampulla of Vater	1,843	3%
Pancreas	35,970	63%
	56,699	

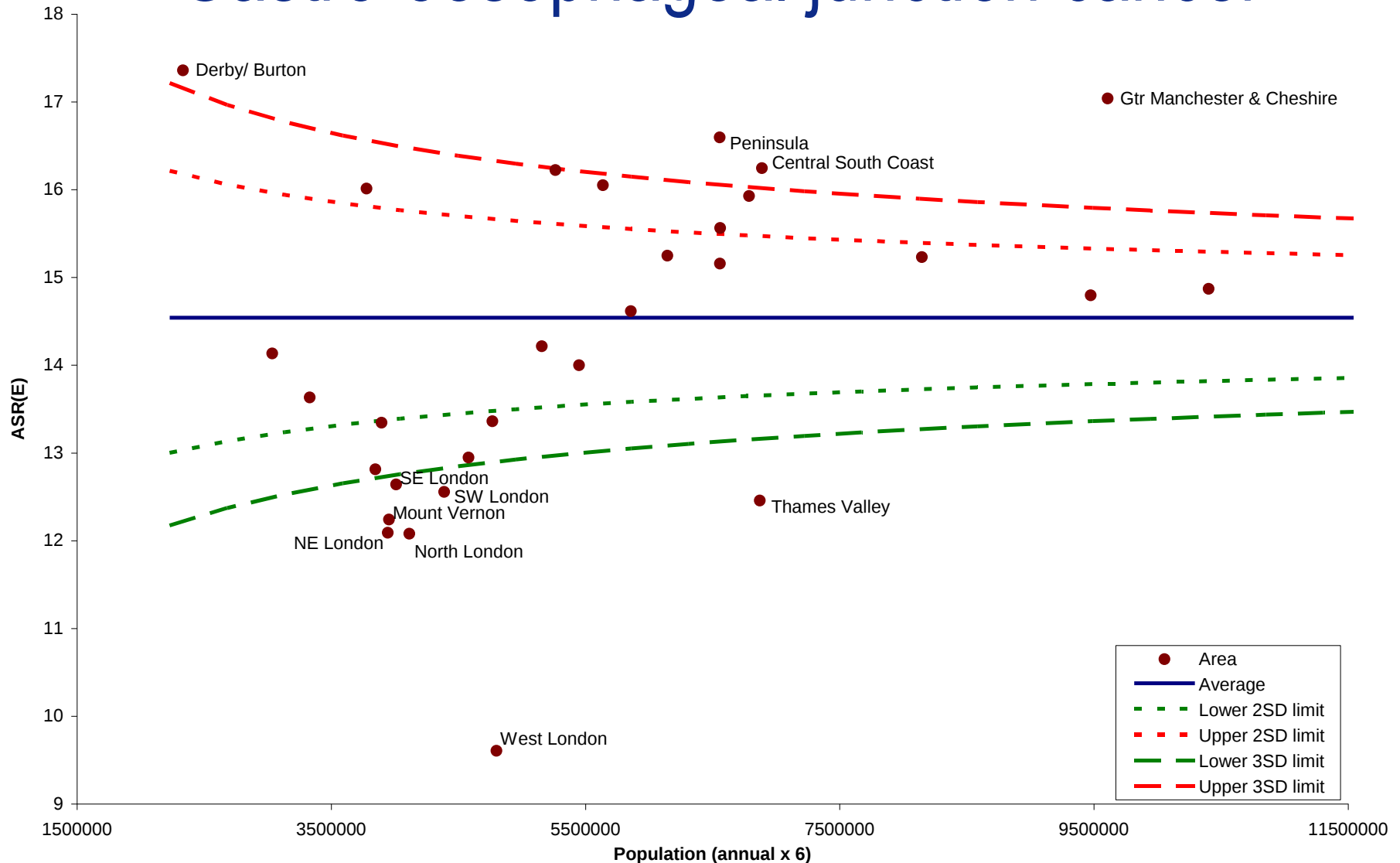
Incidence

- Numbers of cases and age-standardised incidence rates per 100,000 European standard population (ASR(E))
 - By sex
 - By cancer network
 - By 10 cancer sites (4 OG, 6 HPB)
- Displayed in tables, bar charts and funnel plots
- Produced two page summary for each of the 10 cancer sites

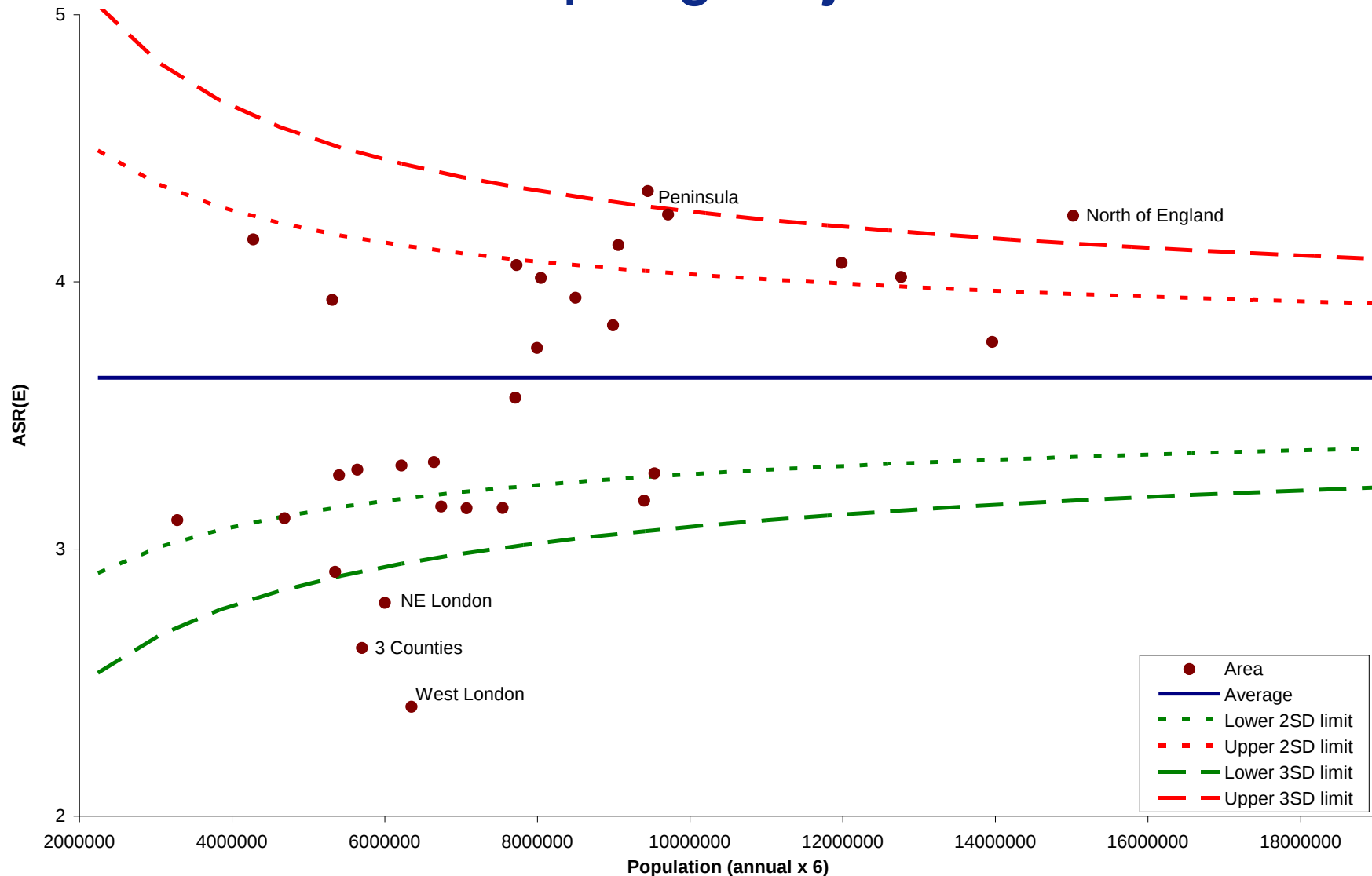
Age-standardised incidence rates: Gastro-oesophageal junction cancer



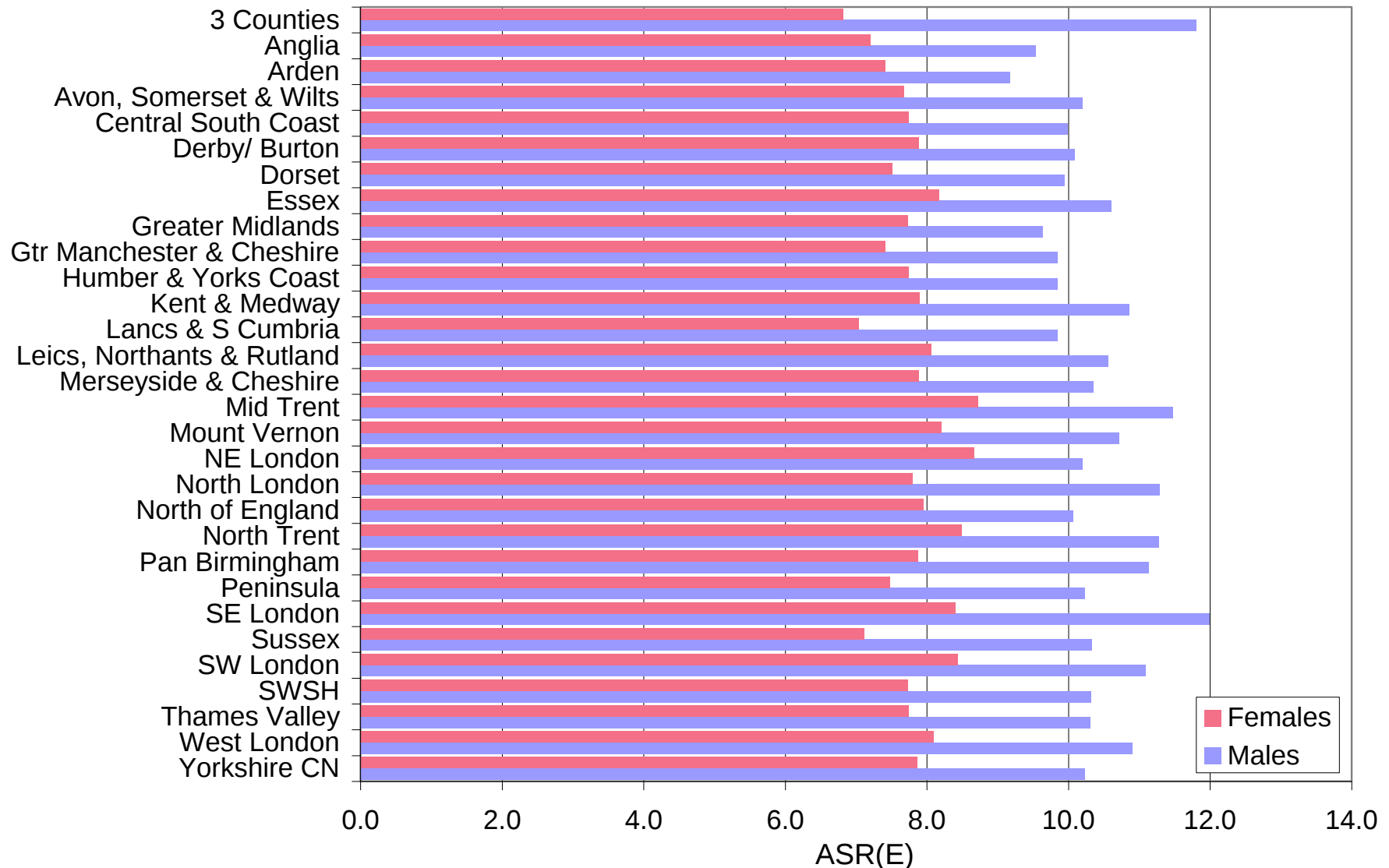
Age-standardised incidence rates (males): Gastro-oesophageal junction cancer



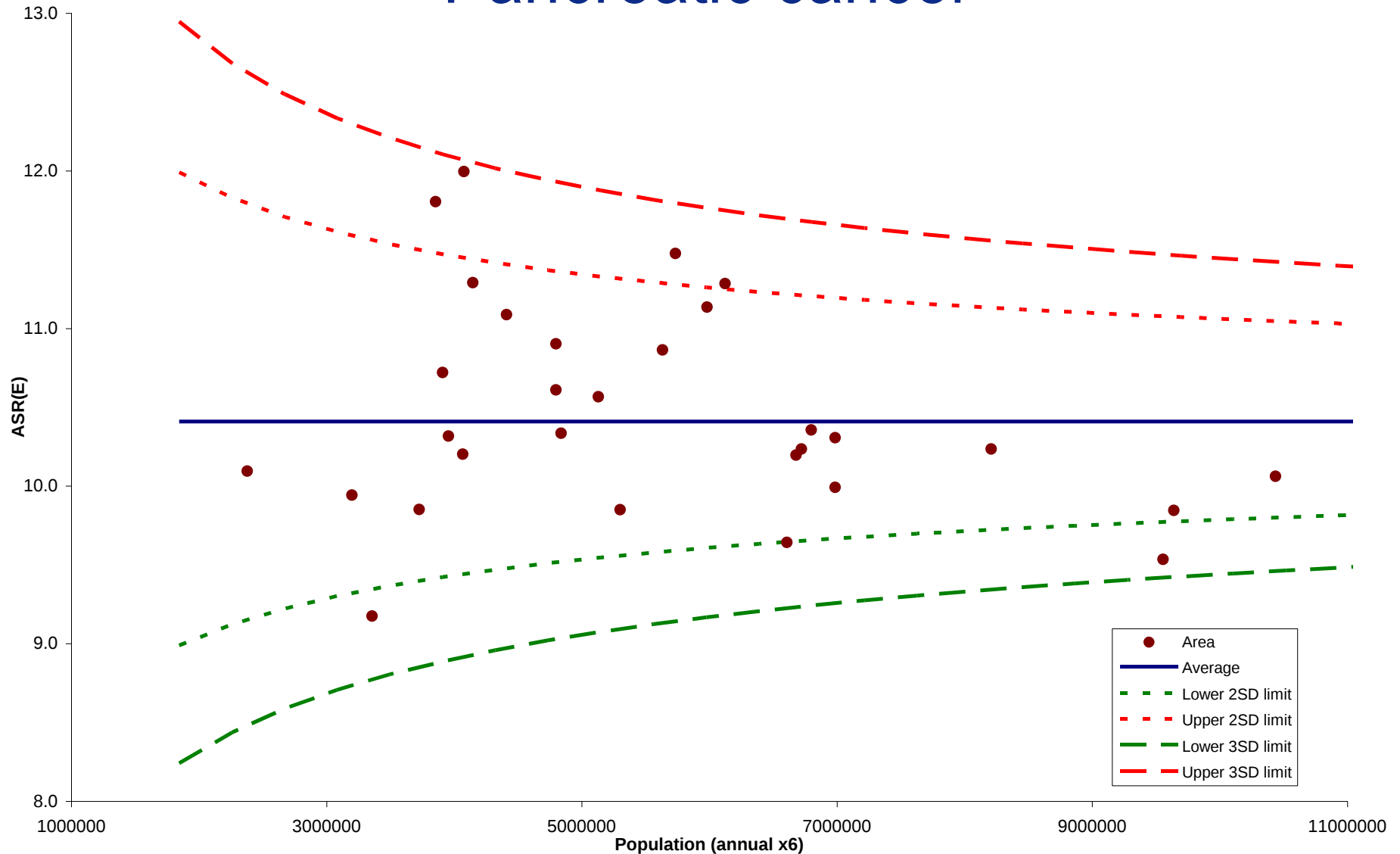
Age-standardised incidence rates (females): Gastro-oesophageal junction cancer



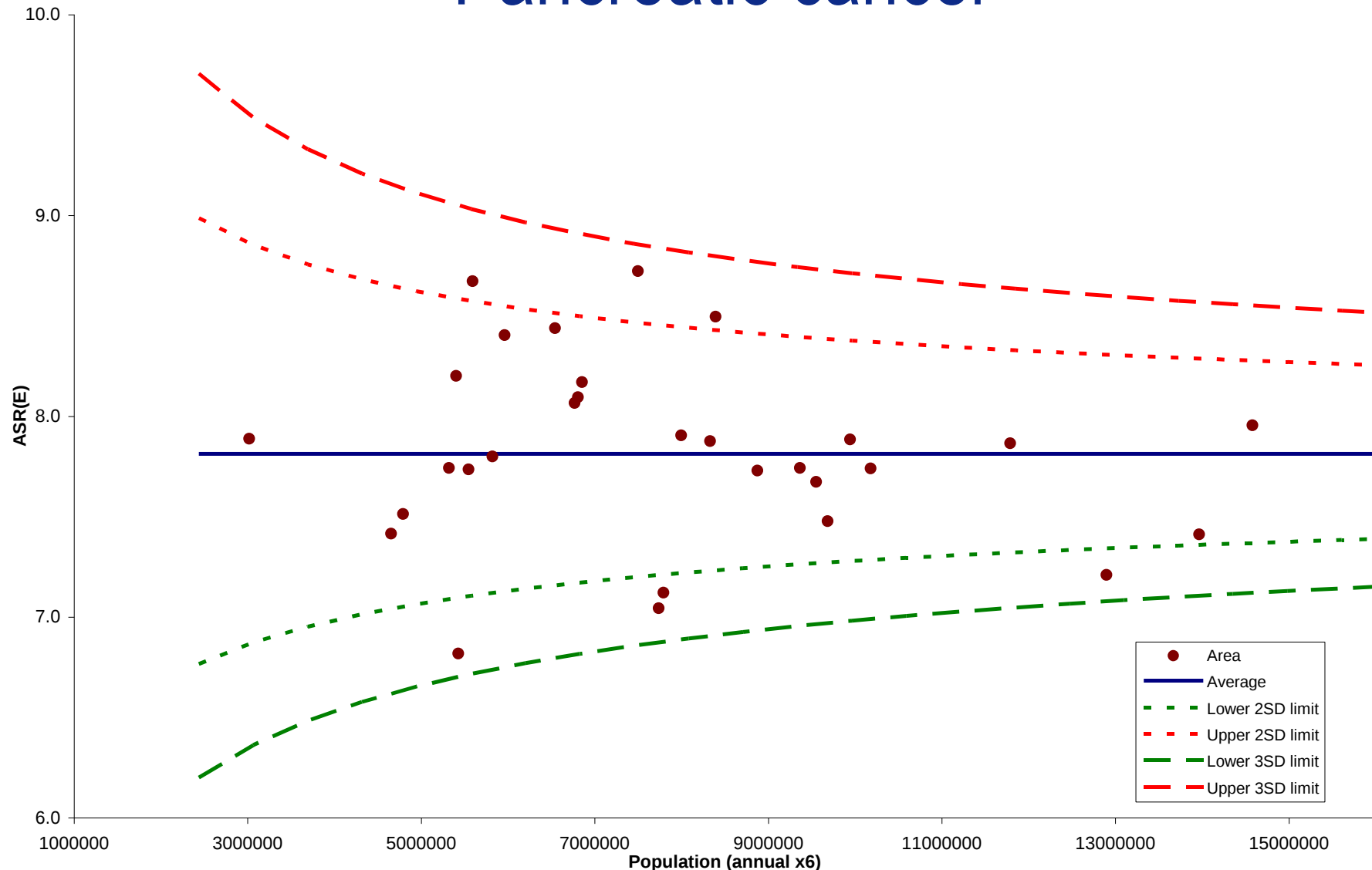
Age-standardised incidence rates: Pancreatic cancer



Age-standardised incidence rates (males): Pancreatic cancer



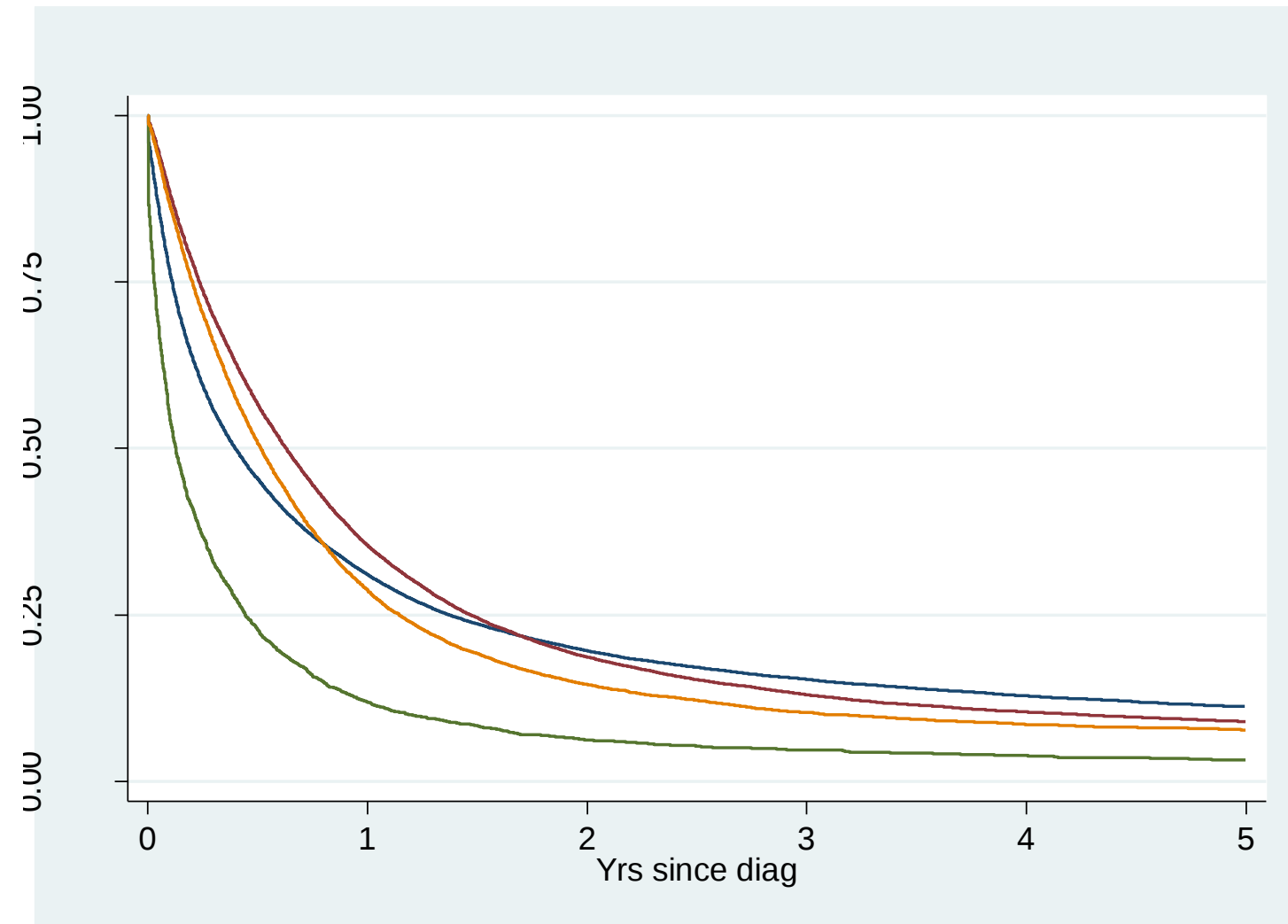
Age-standardised incidence rates (females): Pancreatic cancer



Survival analysis

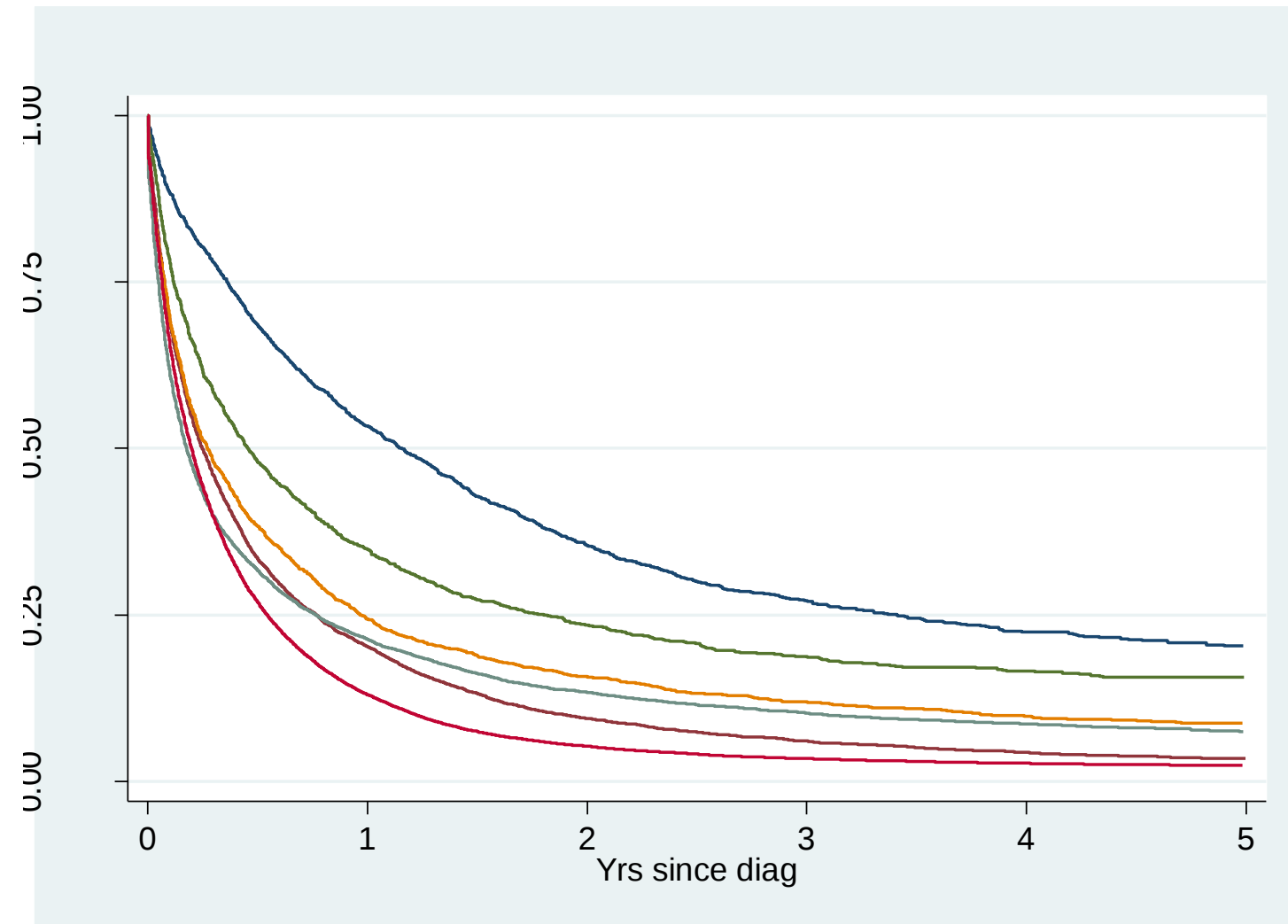
- Diagnosed between 1998 and 2003
- Followed up to end of 2004
- Kaplan-Meier survival by cancer site

Kaplan-Meier survival: OG cancers



	1 yr (%)	5 yr (%)
Stomach	31.1	11.2
Gastro-oeso junction	35.4	9.0
Upper oeso	28.7	7.7
Oeso NK	11.9	3.3

Kaplan-Meier survival: HPB cancers



	1 yr (%)	5 yr (%)
Ampulla of Vater	53.4	20.3
Duodenum	34.9	15.6
Gallbladder	24.4	8.7
Liver	21.3	7.6
Bile duct / biliary tract	20.2	3.4
Pancreas	13.0	2.4

Planned analyses

- More in-depth analysis of epidemiology
 - Incidence trends
 - Incidence by deprivation
 - Survival in cancer networks
- Proportions having surgery
- Investigate pre- and post-IOG

Planned outputs

- Newsletter summary NCIN website
- Cancer network report