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INTRODUCTION

Unlike other European countries, Spain (including Catalonia) does not have a national mesothelioma registry in Spain or in Catalonia to monitor and assess the incidence and causes of this asbestos-related cancer.
Aim: To describe the clinical characteristics and survival outcomes of patients diagnosed with mesothelioma based on data from the hospital-based multicenter cancer registry from the Catalan Institute of Oncology (RHT-ICO).

METHODS

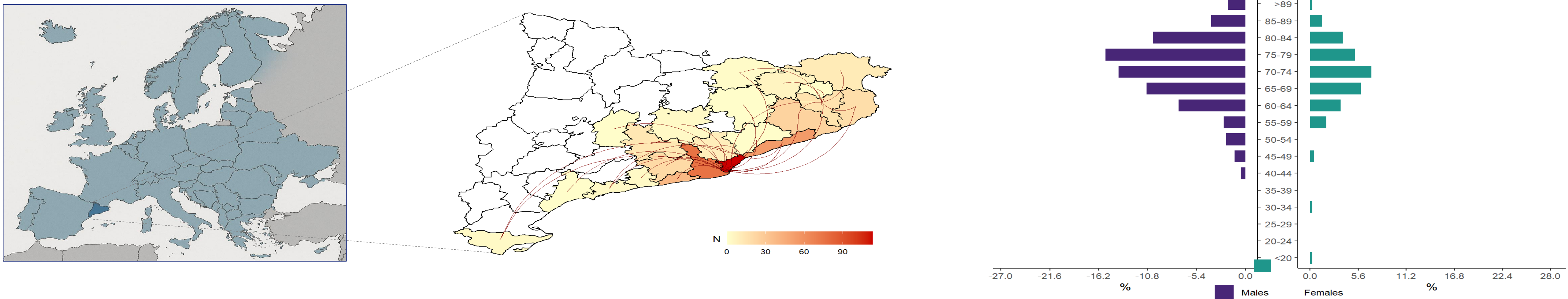
Inclusion criteria: Incident mesothelioma cases diagnosed or treated at the Catalan Institute of Oncology from 2013 to 2025.
Variables: Demographics, asbestos exposure, clinical characteristics, histological subtypes, treatment modalities.
Analysis: Descriptive, overall survival and relative survival (matched by age and sex to the general population) were calculated.

DISCUSSION AND CONCLUSION

- Women with mesothelioma have better survival outcomes and a distinct pattern of asbestos exposure compared to men.
 - Patients younger than 70 years or diagnosed at lower stages have improved overall survival.
 - Collecting detailed information on asbestos exposure is particularly challenging in retrospective studies.
- Future Direction for Research**
- Mesothelioma surveillance and prospective data collection on asbestos exposure are warranted to better assess the health impact of asbestos and to promote policies aimed at preventing exposure risks.

RESULTS

Sample description:

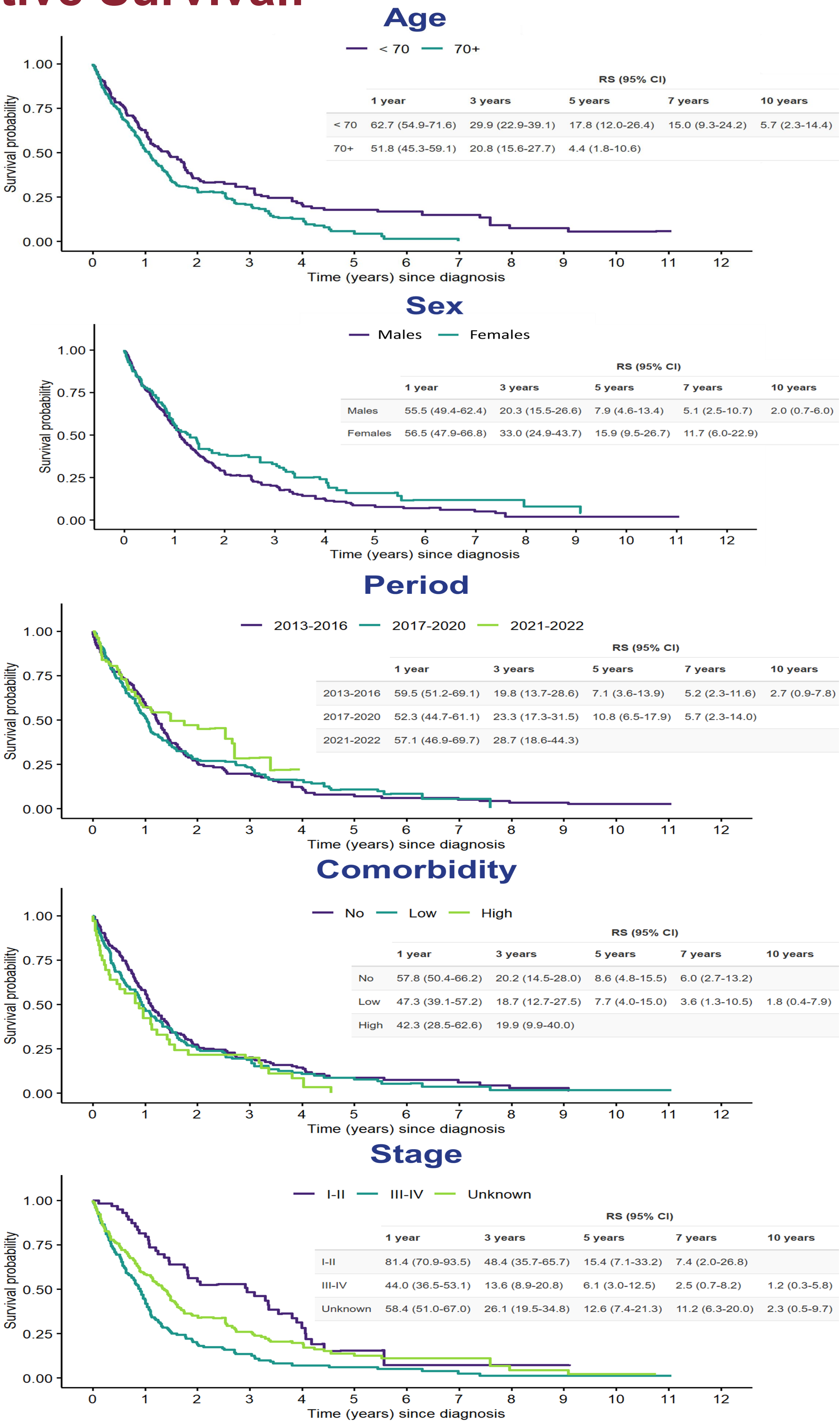


Asbestos exposure:

		N	Occupational	Environmental
Age	< 70	155	34.8*	11.6
	70 +	265	36.2	7.9
Sex	Males	295	46.8*	5.1*
	Females	125	9.6	19.2
Period of diagnosis	2013-2016	127	35.4*	6.3
	2017-2020	159	39	10.7
	2021-2023	134	32.1	10.4
Comorbidity	No	205	62.9	7.8
	Low	142	33.8	9.9
	High	37	37.8	8.1
Stage	I - II	56	37.5	10.7
	III - IV	170	38.2	7.6
	Unknown	195	32.8	10.3
Tumour site	Heart	2	*	
	Pleura	382	37.4	9.1
	Peritoneum	33	18.2	12.1
	Testis	2	50	
	Unknown primary site	1		
Morphology	Mesothelioma, NOS	51	25.5*	2*
	Fibrous	53	39.6	13.2
	Epithelioid	290	36.2	10.3
	Biphasic	26	42.3	3.8
All		420	35.7	9.3

NOS: Not otherwise specified *: statistically significant RS (95% CI): Relative Survival (95% Confidence Interval)

Relative Survival:



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