

Net survival among Patients Diagnosed with Non-Hodgkin Lymphoma in France: A Population-based study

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INTRODUCTION

- Diffuse large B-cell (DLBCL) and follicular lymphoma (FL) account for most non-Hodgkin lymphoma diagnoses in France : around 18% and 11%, respectively.
- The aim of our study was to describe net survival in DLBCL and FL according sex and age group.

MATERIAL-METHODS

- 3 French registries: Côte d'Or, Gironde and Basse-Normandie (3.693.712 residents).
- ICDO-3 classification.
- Non parametric Pohar-Perme estimator.
- R version 4.3.0 software.

RESULTS

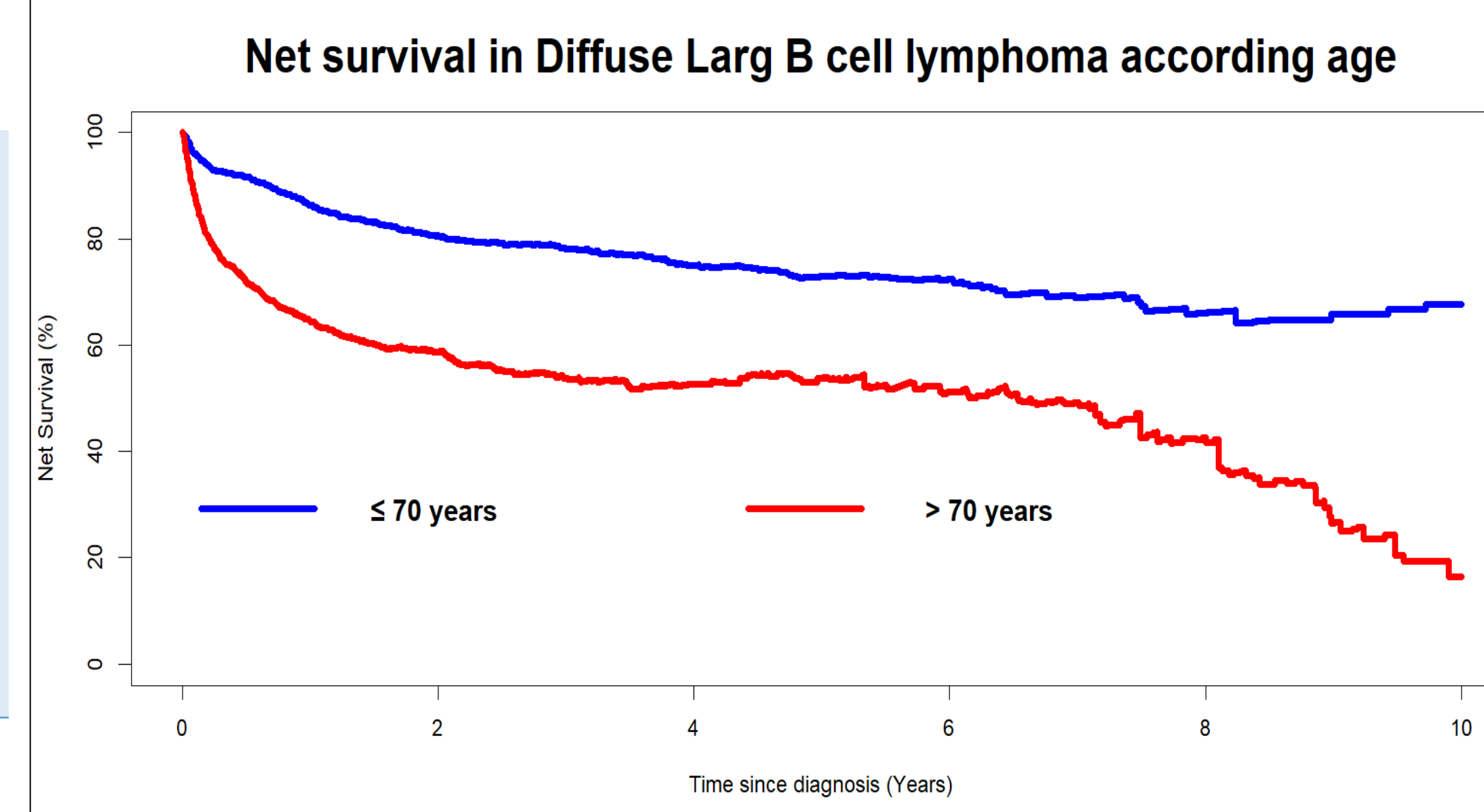
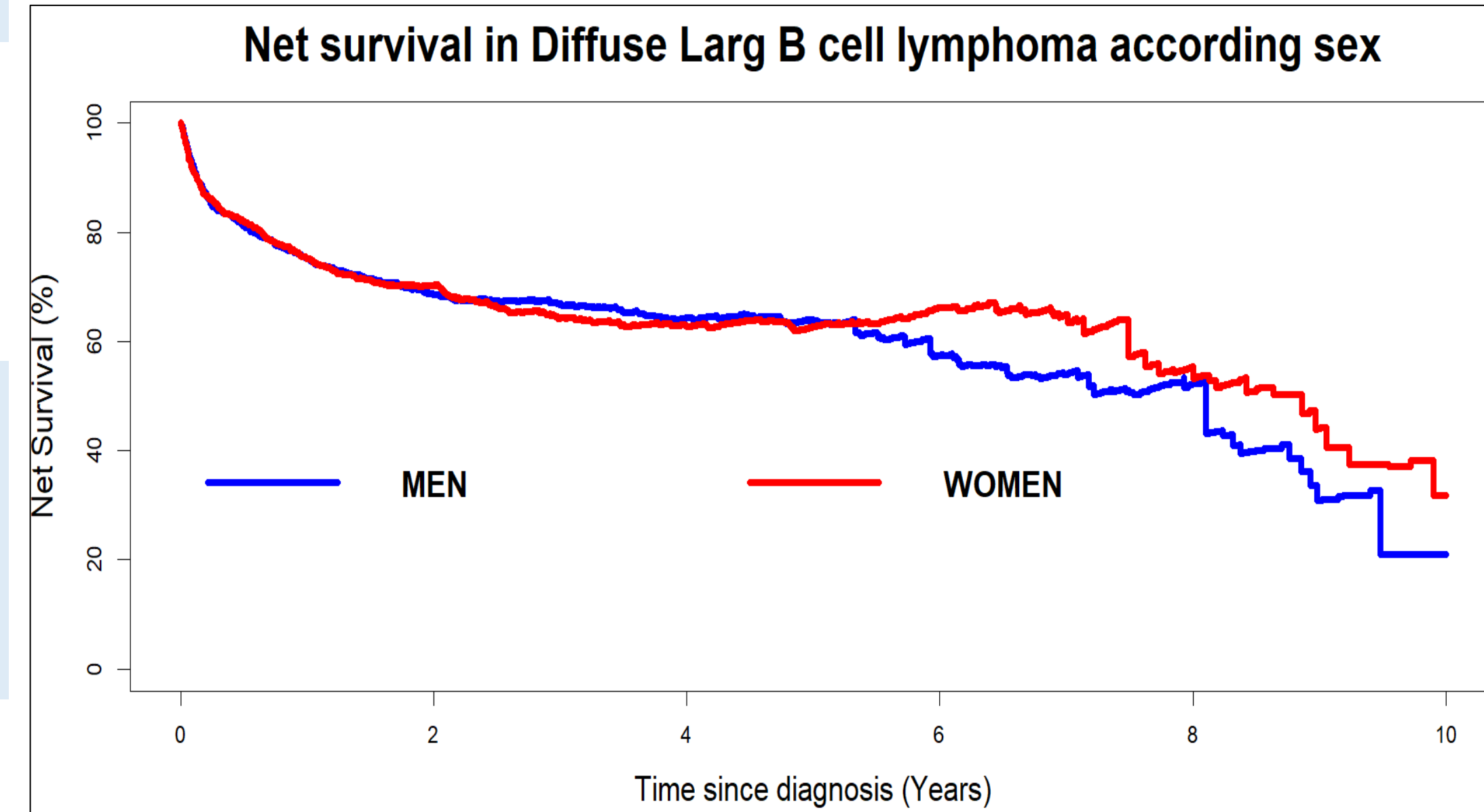
Characteristics of patients diagnosed with non-Hodgkin lymphoma during the period 2010-2018

	DLBCL	FL	Overall
	N= 2336	N= 1320	N=3656
Age, years			
Median (IQR)	71 (59-80)	66 (56-74)	68 (58-78)
Age range, n (%)			
≤ 70 ans	1147 (49)	869 (66)	2016 (55)
> 70 ans	1189 (51)	451 (34)	1640 (45)
Vital status, n (%)			
Alive	1169 (50)	1010 (77)	2179 (60)
Dead	1167 (50)	310 (23)	1477 (40)
Time since diagnosis, years			
Median (IQR)	2 (0.5-4)	3 (2-6)	2 (1-5)
Sex, n (%)			
Men	1272 (54)	696 (53)	1968 (54)
Women	1064 (46)	624 (47)	1688 (46)
Department, n (%)			
Calvados	431 (18)	236 (18)	667 (18)
Côte d'Or	324 (14)	168 (13)	492 (13)
Gironde	963 (41)	638 (48)	1601 (44)
Manche	399 (17)	177 (13)	576 (16)
Orne	219 (10)	101 (8)	320 (9)

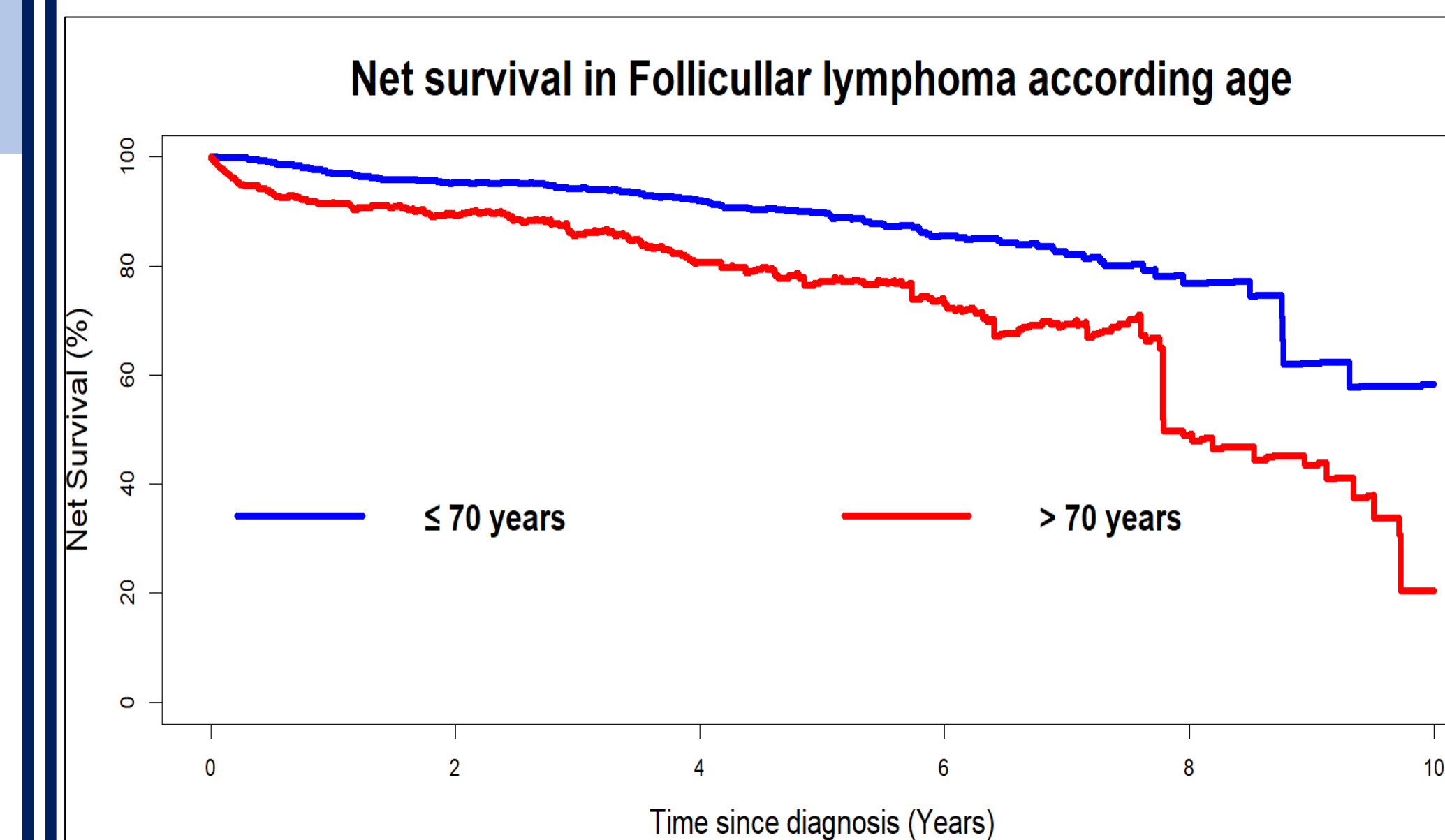
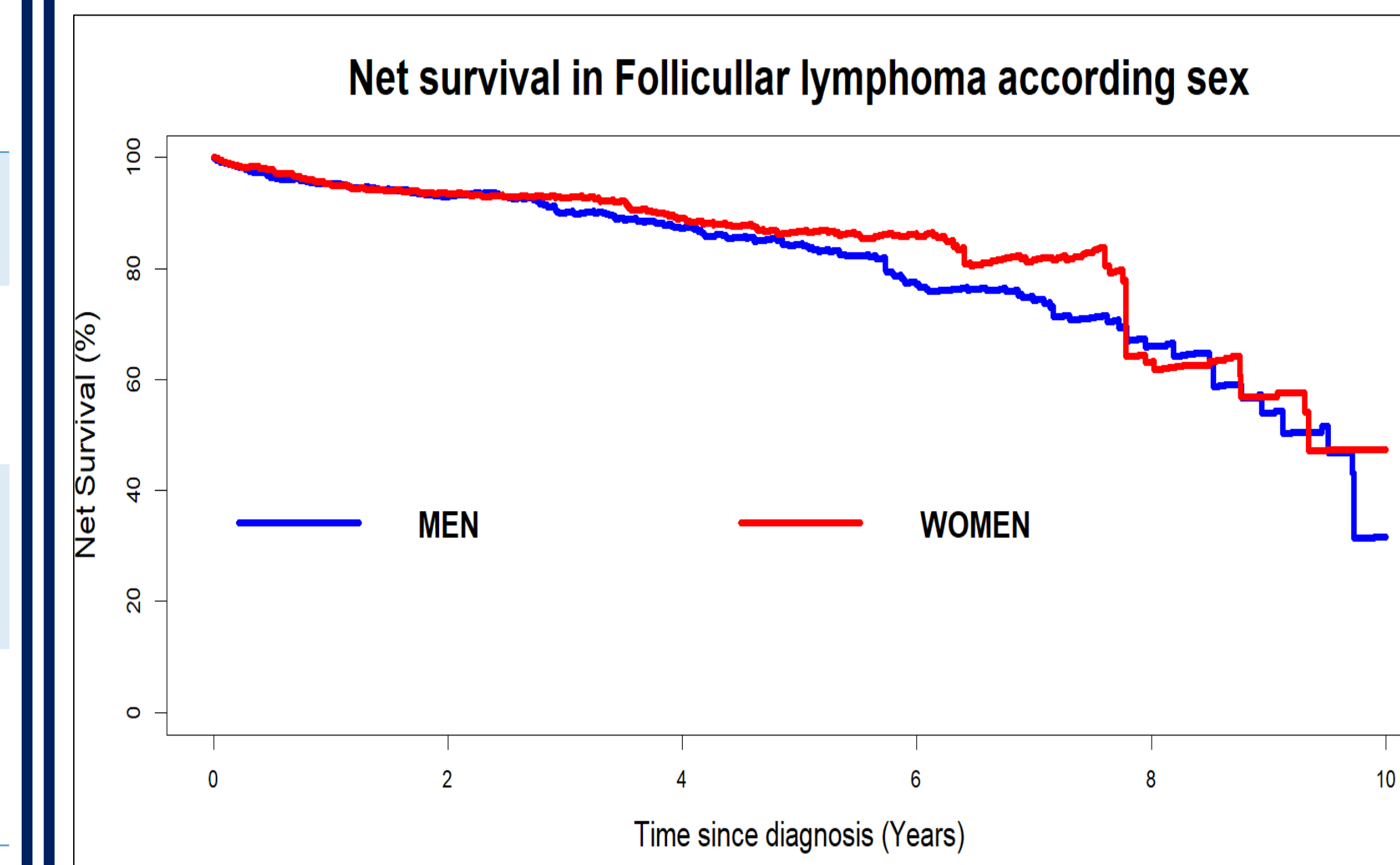
Net survival for patients diagnosed with non-Hodgkin lymphoma during the period 2010-2018.

Time	DLBCL	FL
1 year Net survival [95% CI]	75.1 [73.2-77.1]	95.2 [93.8-96.6]
5 years Net survival [95% CI]	63.2 [59.7-66.9]	85.4 [82.1-88.9]
10 years Net survival [95% CI]	25.9 [14.2-47.4]	34.9 [20.6-59.2]

Diffuse large B-cell lymphoma



Follicular lymphoma



CONCLUSIONS

- DLBCL and FL patients under 70 years had better net survival than those over 70 years.
- Further study will investigate prognostic clinical factors using a flexible excess mortality hazard model in this population.