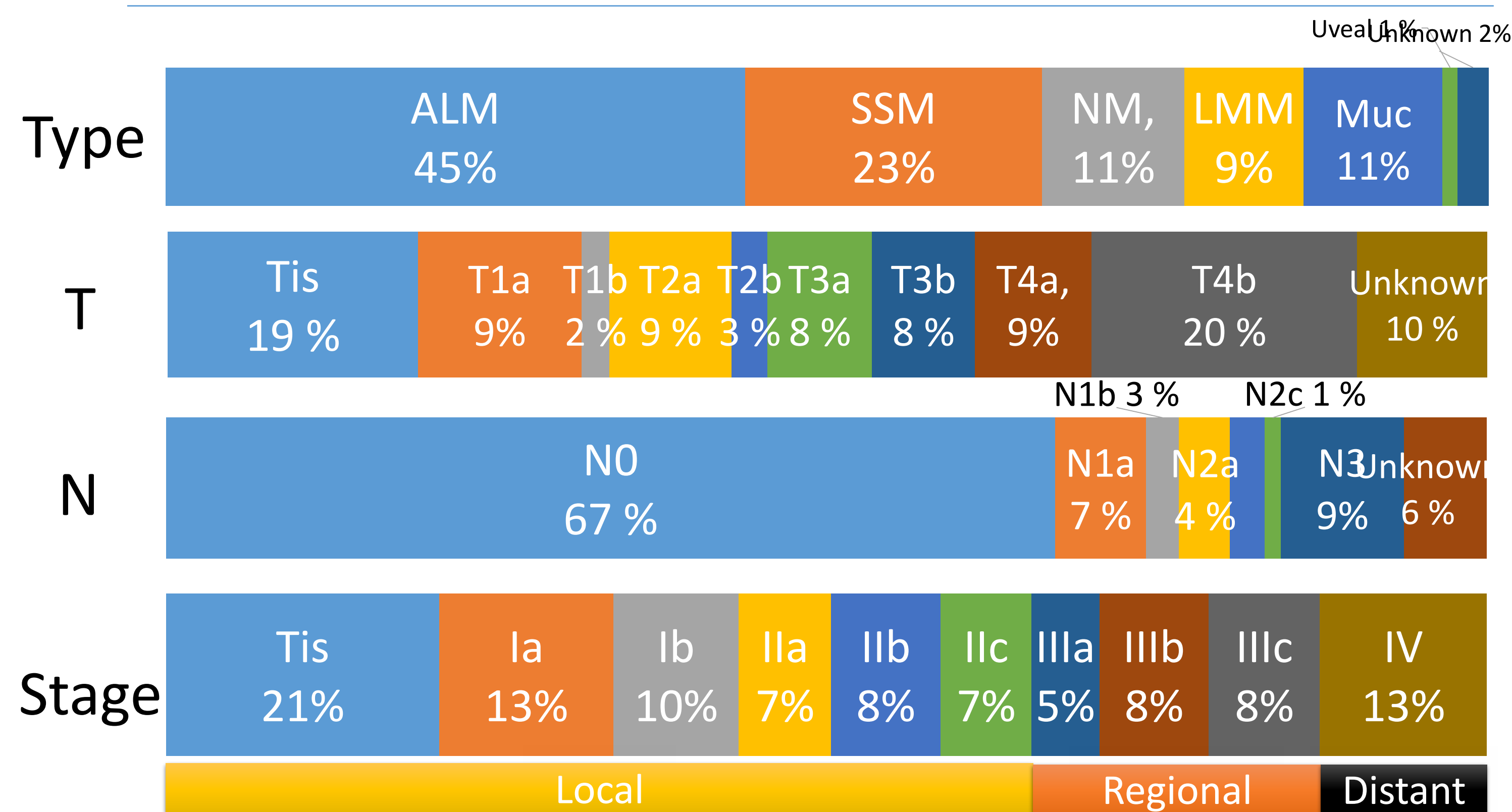


Epidemiology of malignant melanoma in Japan: Japan Melanoma Study Group

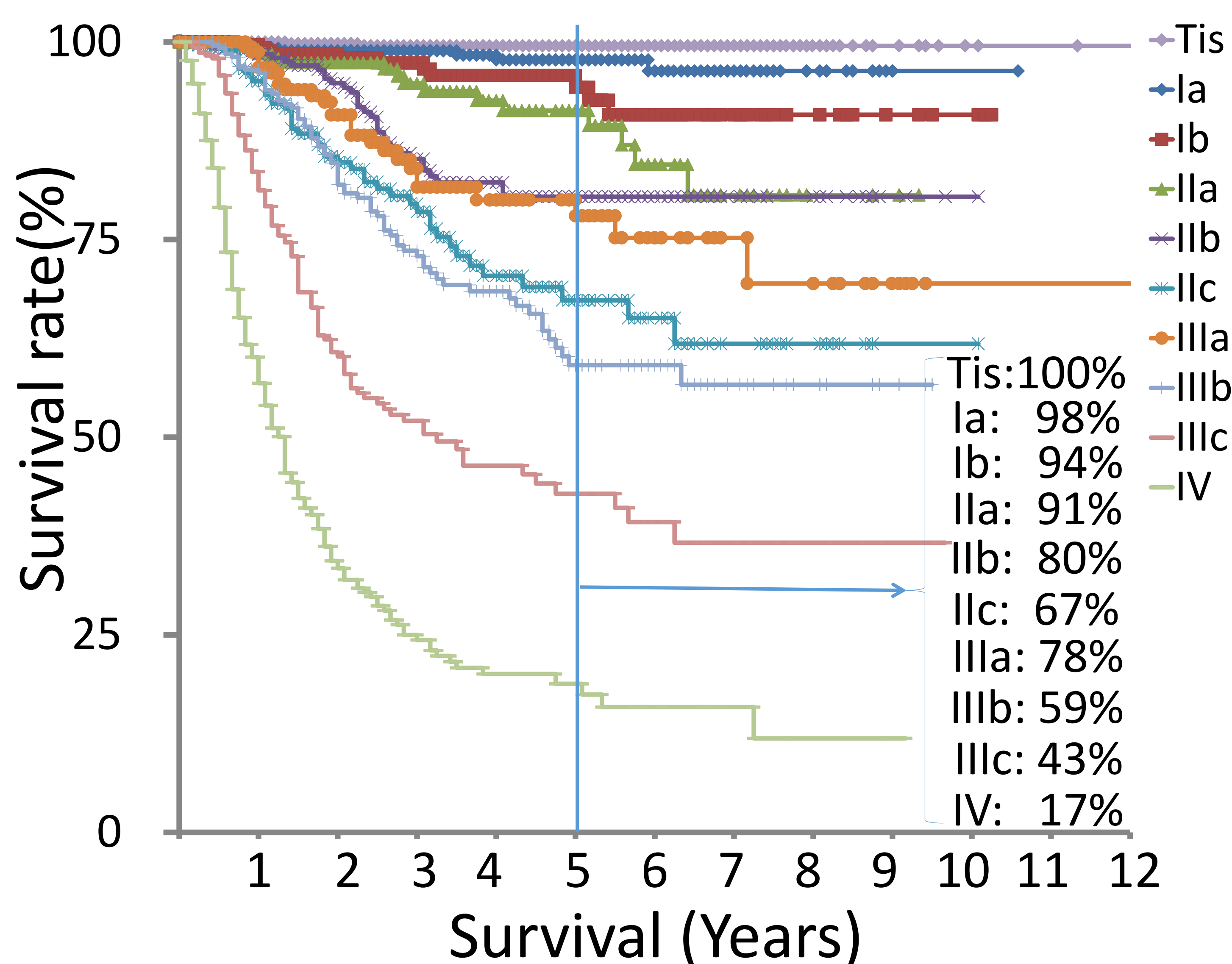
Japan Skin Cancer Society, Skin Cancer Prognosis Research Committee: Yasuhiro FUJISAWA (University of Tsukuba)

Total Cases: 4239

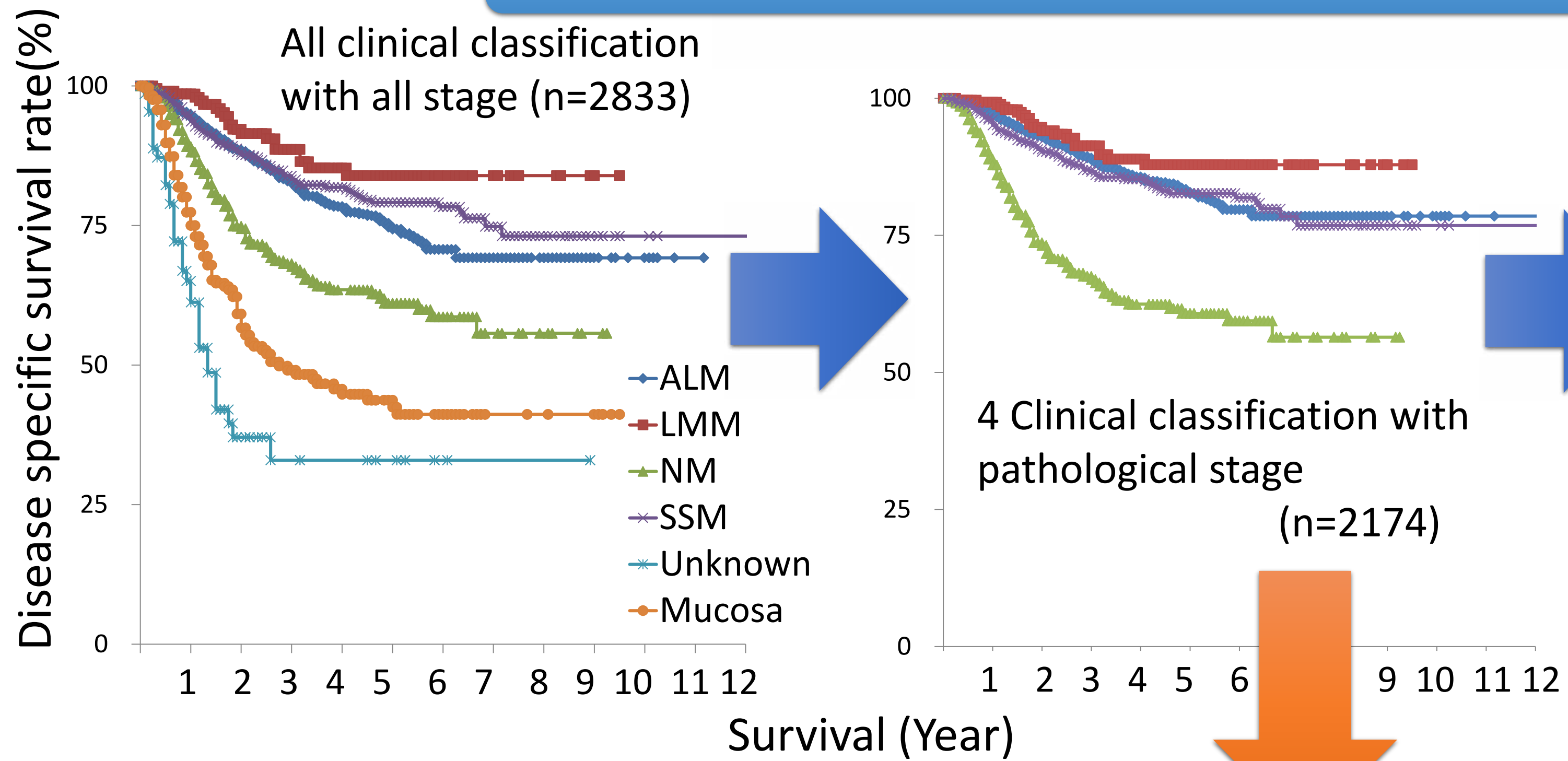
Age		Interval to admission	
Average	64.0 yrs	Average	69.9 months
Median	66.0 yrs	Median	24.0 months
Sex		Other cancer	
Male	1,949	Other cancer	333
Female	2,287	Family history	96



Disease specific survival rate (5 year-DSS)

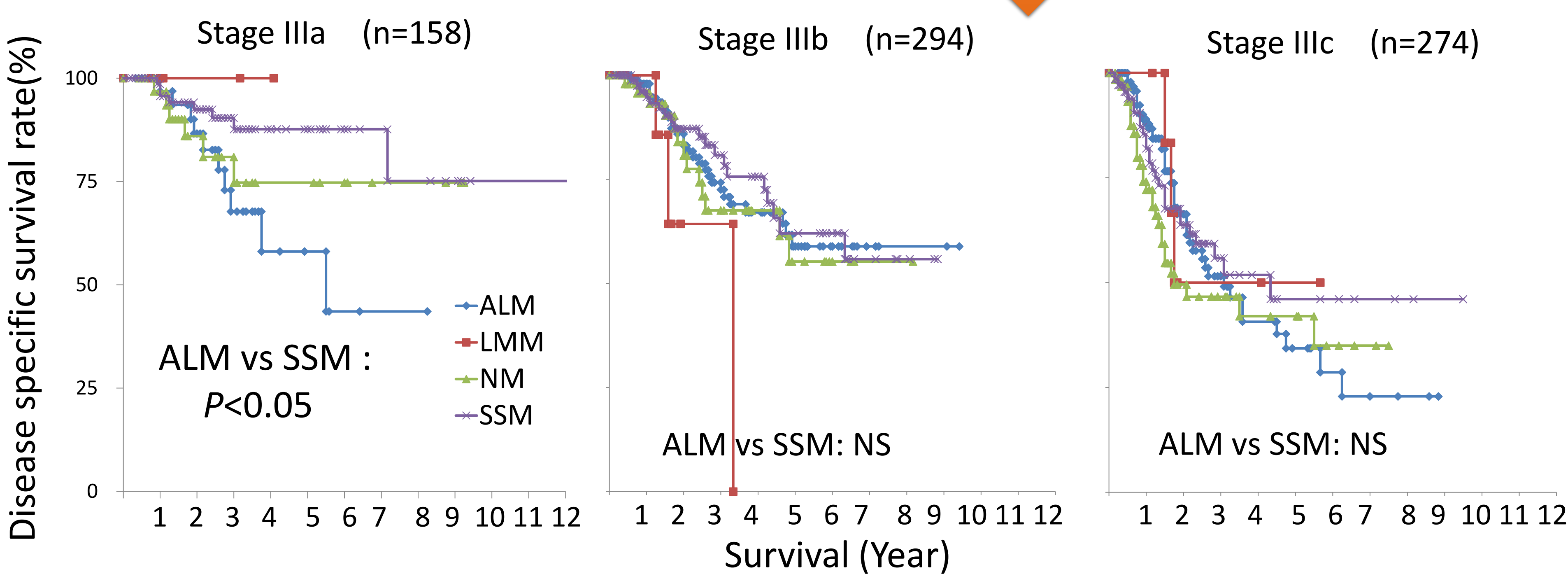


Does clinical classification correlate with survival?



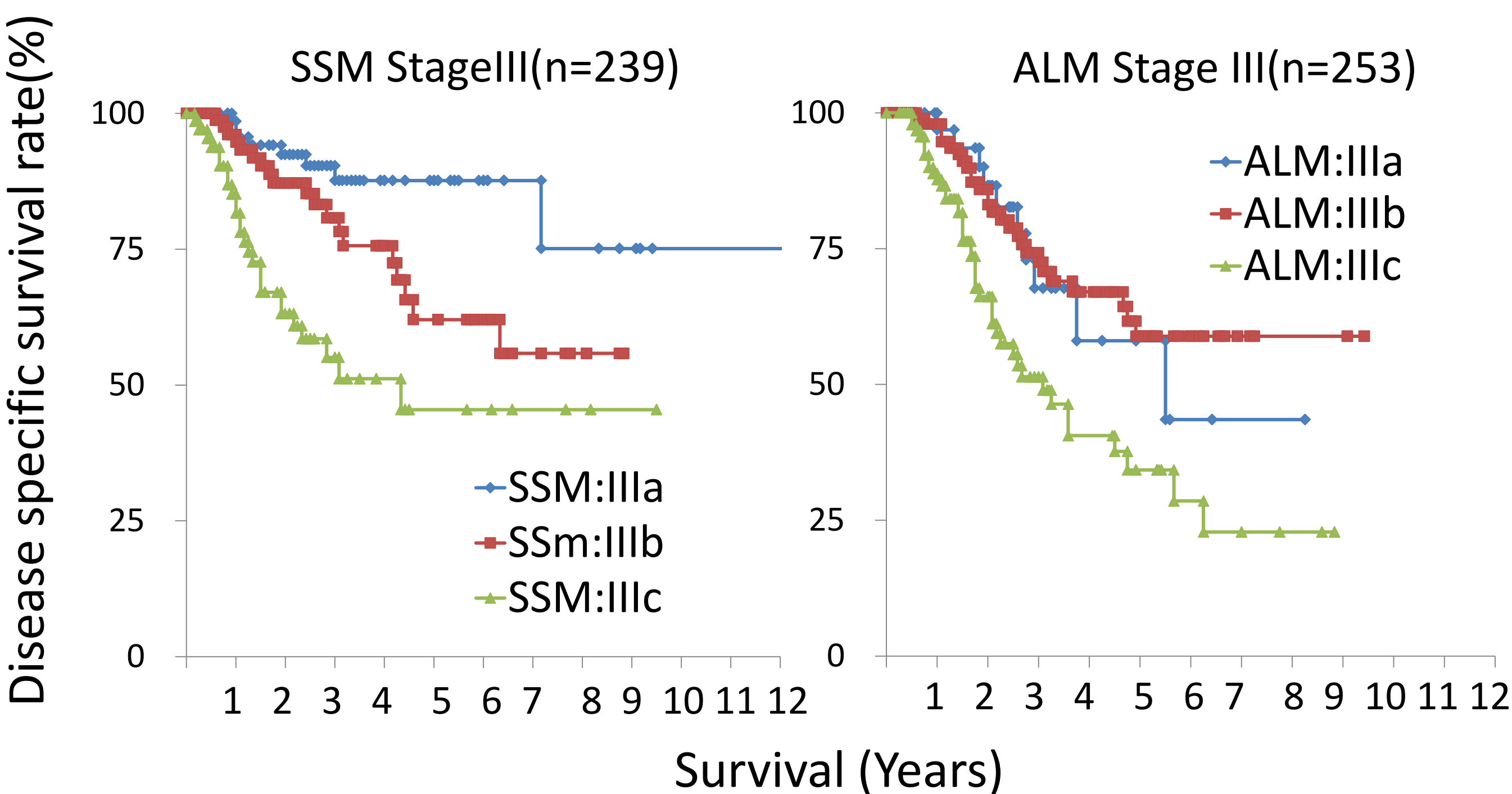
Factors	Hazard ratio	95%CI	P-value
Clinical classification (reference:SSM)			
ALM	1.043	0.800~1.359	0.755
NM	1.282	0.951~1.727	0.103
LMM	1.041	0.638~1.697	0.871
T (1~4, continuous var.)	1.857	1.646~2.095	<0.0001
N (0~3, continuous var.)	1.282	1.511~1.845	<0.0001
M (0 or 1)	3.350	2.484~4.516	<0.0001

Clinical classification does not correlate with survival



Multivariate analysis in Stage IIIa			
Factors	Hazard ratio	95% CI	P-value
Clinical classification (Reference:SSM)			
ALM	2.974	1.126~7.854	0.0278
NM	1.197	0.398~3.592	0.748
LMM	-	-	-
T (1~4, continuous var.)	1.816	1.118~2.950	0.016
N (1or2, continuous var.)	1.496	0.656~3.415	0.338

In Stage IIIa, ALM correlate with poor survival



Why ALM Stage IIIa had worse DSS compared with SSM?

- * Background was comparable (age, sex, etc)
- * T1/2/3/4a ratio and average tumor thickness were also comparable
- * N1a:2a ratio was higher in ALM (1:0.69 vs 1:0.41) > more N2a in ALM
 - >But chi-square test showed no statistical difference (P=0.21) and multivariate analysis showed no correlation between N status and survival in IIIa

- * In total, ALM and SSM had similar disease-specific survival
 - >TNM status correlates with survival, not clinical classification
- * However, Stage IIIa ALM had worse survival compared with SSM
 - >No reasonable explanation

Participating 26 institutes

Asahikawa Medical school 164 pts	Dr. Uehara J	Niigata Cancer Center 286 pts	Dr. Takenouchi T	Osaka City University 212 pts	Dr. Kamo R
University of Gifu 80 pts		University of Kobe 161 pts	Dr. Fujiwara S	University of Tsukuba 174 pts	Fujisawa Y
Kyoto Medical University 220 pts	Dr. Asai J	Shizuoka Cancer Center 476 pts	Dr. Kiyohara Y, Yoshikawa **	University of Tokyo 40 pts	Dr. Yamada D
University of Kyushu 244 pts	Dr. Uchi H	National Cancer Center 173 pts	Dr. Yamazaki N, Namikawa K	University of Tohoku 102 pts	Dr. Fujimura T
University of Kumamoto 214 pts	Dr. Ihn H, Fukushima S	Saitama Medical University 90 pts	Dr. Ogata D	Nippon Medical University 124 pts	Dr. Hoashi T
Toranomon Hospital 56 pts	Dr. Kishi A	Saitama Medical University, International Medical Center 202 pts	Dr. Nakamura Y, Teramoto Y	Hamamatsu Medical University 51 pts	Dr. Fujiyama T
		Saitama Cancer Center 55 pts	Dr. Ishikawa M	Toyama Prefectural Central Hospital 57 pts	Dr. Hatta N
		Sapporo Medical University 220 pts	Dr. Uhara H, Kato J	University of Fukuoka 57 pts	Dr. Shibayama **
		Occupational Medical University 67 pts	Dr. Hino R	University of Hokkaido 61 pts	Dr. Furukawa H
		Shinshu Medical University 375 pts	Dr. Minakawa A	University of Nagoya 280 pts	Dr. Yokota K, Urata T