

Supplemental Table1. Baseline Patient Demographic and Clinical Characteristics after PSM
(propensity score-matching).

	Total(n=2868): n(%)	Non-surgery (n=1434):n(%)	Surgery(n=1434): n(%)	P-value
Age(years)	58.32 ± 16.25	59.55 ± 15.77	57.09 ± 16.64	<0.0001
Gender				0.055
female	1001 (34.90%)	476 (33.19%)	525 (36.61%)	
male	1867 (65.10%)	958 (66.81%)	909 (63.39%)	
Race				0.54
White	2351 (81.97%)	1165 (81.24%)	1186 (82.71%)	
Black	185 (6.45%)	97 (6.76%)	88 (6.14%)	
Other	320 (11.16%)	164 (11.44%)	156 (10.88%)	
Unknown	12 (0.42%)	8 (0.56%)	4 (0.28%)	
Marital status				0.58
Unmarried	1104 (38.49%)	563 (39.26%)	541 (37.73%)	
Married	1669 (58.19%)	827 (57.67%)	842 (58.72%)	
Unknown	95 (3.31%)	44 (3.07%)	51 (3.56%)	
Year of diagnosis				<0.001
1980s	125 (4.36%)	15 (1.05%)	110 (7.67%)	
1990s	465 (16.21%)	155 (10.81%)	310 (21.62%)	
2000s	1386 (48.33%)	712 (49.65%)	674 (47.00%)	
2010s	892 (31.10%)	552 (38.49%)	340 (23.71%)	
Ann Arbor Stage				<0.001
I	995 (34.69%)	517 (36.05%)	478 (33.33%)	
II	892 (31.10%)	368 (25.66%)	524 (36.54%)	
III	193 (6.73%)	101 (7.04%)	92 (6.42%)	

IV	788 (27.48%)	448 (31.24%)	340 (23.71%)	
Histologic				<0.001
DLBCL	1468 (51.19%)	689 (48.05%)	779 (54.32%)	
FL	358 (12.48%)	206 (14.37%)	152 (10.60%)	
MCL	179 (6.24%)	134 (9.34%)	45 (3.14%)	
BL	190 (6.62%)	69 (4.81%)	121 (8.44%)	
TCL	120 (4.18%)	45 (3.14%)	75 (5.23%)	
Other	553 (19.28%)	291 (20.29%)	262 (18.27%)	
Tumor site				<0.001
Small bowel	1603 (55.89%)	758 (52.86%)	845 (58.93%)	
Ileocecum	489 (17.05%)	178 (12.41%)	311 (21.69%)	
Colon	549 (19.14%)	325 (22.66%)	224 (15.62%)	
Other	227 (7.91%)	173 (12.06%)	54 (3.77%)	
Radiation				0.003
No	2615 (91.18%)	1285 (89.61%)	1330 (92.75%)	
Yes	253 (8.82%)	149 (10.39%)	104 (7.25%)	

DLBCL: diffuse large B cell; FL: Follicular lymphoma; MCL: Mantle cell lymphoma; BL: Burkitt lymphoma; TCL: T cell lymphoma.