

Table S1. Test of proportional hazards assumption for the multivariate Cox model

	chisq	df	p
Age	3.3978	1	3.3978
Sex	0.2365	1	0.2365
Race	1.2018	2	1.2018
Primary site	7.1869	3	7.1869
Laterality	2.7658	1	2.7658
T stage	0.9302	3	0.9302
Global	14.4304	11	14.4304

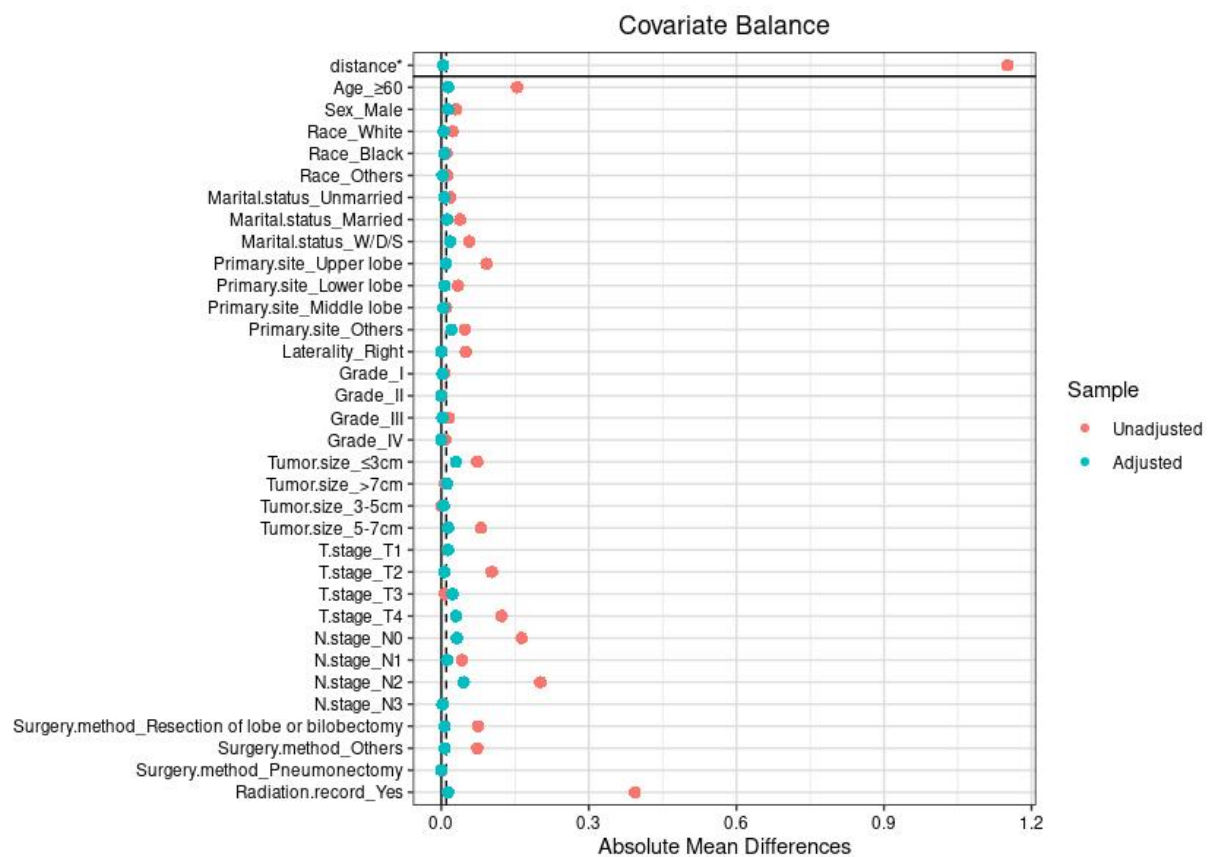


Figure S1 Visualization of PSM to balance baseline features with a caliper of 0.01

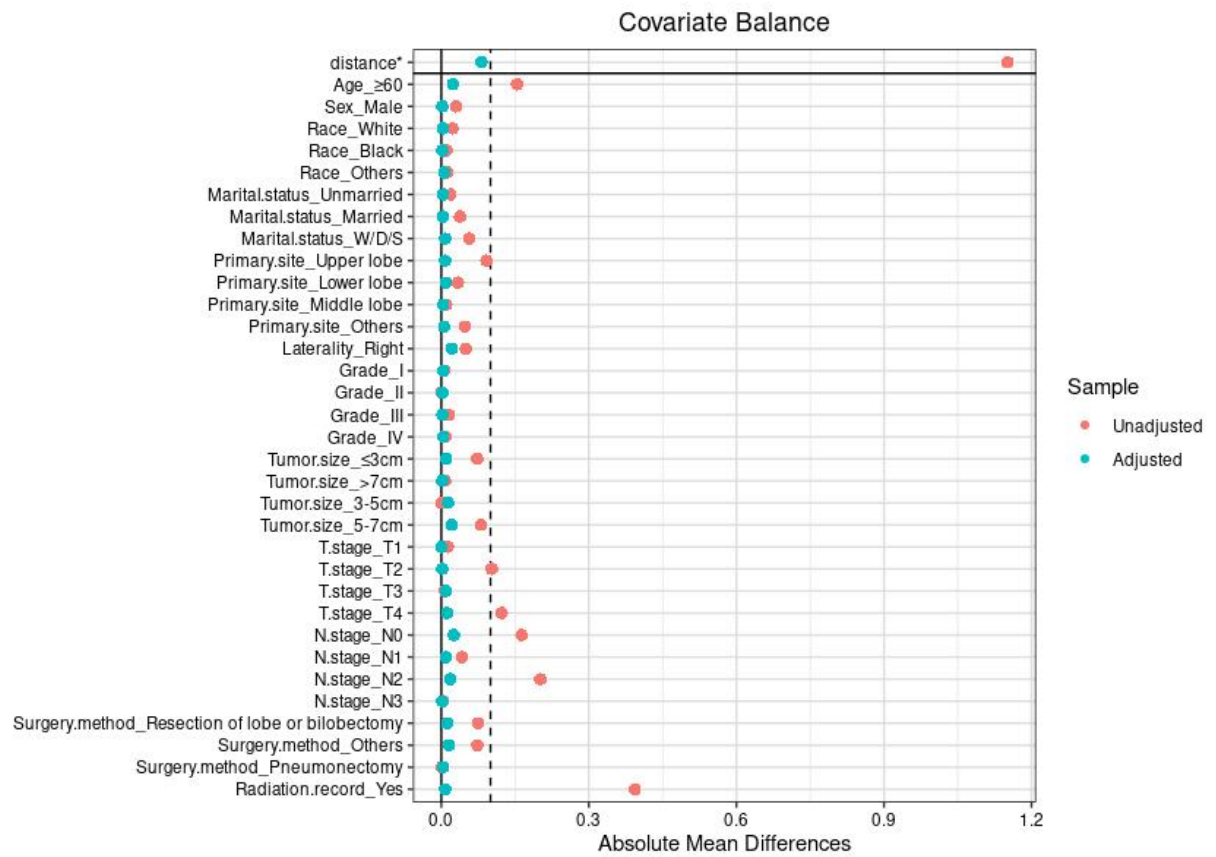


Figure S2 Visualization of PSM to balance baseline features with a caliper of 0.1