Table 1 Long-term outcomes of SBRT *vs.* lobectomy in general

Ordered by degree of confidence that results reflect the effect of the treatment, stage

1st author year (reference)	Study characteristics								Adjustment for confounding										Confid RE Tmt effect	f/u (mo) Surg/SBRT [b]	Adjusted % 5-yr OS SBRT *vs.* Lobe			Adjusted % 5-yr LCSS SBRT *vs.* Lobe		
	Source	Yrs	n	Stage [a]	Surg extent	Other	Mean age [b]	% Charlson score ≥2 [b]	Demogr F	CoMorbid	Hi stage	Time span	Q settings	Q treatmt	Fav tumor	Statistical methods	# adj for/ subsets				SBRT	Lobe	HR	SBRT	Lobe	HR
SBRT *vs.* lobectomy																										
Khorfan 2020 (40)	NCDB	04-16	1,547 [c]	cIA1,2	L+SL	Decl S	>70 [d]	12 [d]								PM	11/4	H	-	42	**64**	>1 [e]	-	-	-
Rosen 2016 (41)	NCDB	08-12	10,914	cIA	L	CC =0	75/76 [d]	0								MV, PM	16/3	H	-	-	-	2.63	-	-	-
Rosen 2016 (41)	NCDB	08-12	3,562 [c]	cI-IIA	L	CC =0	75/76	0								MV, PM	16/3	H	32/29	29	**59**	-	-	-	-
Boyer 2017 (10)	VA	01-10	936 [c]	cI-IIA	L		67/73	27/43								MV, PA	8/6	H	93/81	27	**54**	1.96	50	**73**	2.17
Rosen 2016 (41)	NCDB	08-12	4,519	cIB-IIA	L	CC =0	75/76 [d]	0								MV, PM	16/3	H	-	-	-	2.63	-	-	-
Chi 2019 (42)	NCDB	04-15	85,827	$T_{any}N0$	L		-/75 [d]	18/19 [d]								MV, PM	19/4	H	-	32 [f]	**66** [f]	1.87	-	-	-
Khorfan 2020 (40)	NCDB	04-16	2,630 [c]	$T_{any}N0$	L+SL	Decl S	>70 [d]	12 [d]								MV, PM	11/4	H	-	38	**57**	1.69	-	-	-
Chang 2021 (43)	US ×1	15-17	160 [c]	cIA	L [g]		69/69	0/0								PM	5	M	60	**87**	84	0.86	92	93	NS
Bryant 2018 (9)	VA	06-15	2,541	cI	L		-	-								MV	12/2	M	35/18	-	-	-	-	-	1.33
Bryant 2018 (9)	VA	06-15	3,435	cI-IIA	L		66/71	39/39								MV	12/2	M	35/18	44 [f]	**70** [f]	1.38	55 [f]	**77** [f]	1.45
Sebastian 20 (44)	US ×1	08-18	217 [c]	cI-IIA	L		70/70	-								PM	11	M	27/22	[56] [h]	**[79]** [h]	2	-	-	-
Spencer 2019 (45)	UK ×1	08-13	415	cI-IIA	L+SL		70/77	-								MV	5/2	M	59/46	[47] [f,h]	**[75]** [f,h]	1.84	67 [f]	**76** [f]	1.47 [i]
Tomita 2021 (46)	Japan ×1	04-14	240 [c]	cI-IIA	L+SL	10% GG	76/76	36/33								MV, PM	9	M	66/69	64	**71**	1.5	78	**82**	1.3
Hamaji 2015 (47)	Japan ×1	03-09	82 [c]	cI-IIA	L [g]		74/73	-								PM	9	M	54/41	37	**69**	2.56	56	**84**	4.39 [i]
Dong 2020 (48)	China ×1	12-16	104 [d]	cI-IIA	L [g]	Incl GG	67/68	19/23 [k]								PM	7	M	44	80	**92**	>1 [e]	84	**92**	>1 [e]
Bryant 2018 (9)	VA	06-15	894	cIIA	L		-	-								MV	12/2	M	35/18	-	-	-	-	-	1.22
Yu 2015 (7)	SEER	07-09	608 [c]	I-IIA [j]	L+SL	LE ≥5 y	>75	40/42 [k]								PM	11	L	-	-	-	1.49	-	-	1.63
Puri 2015 (49)	NCDB	98-10	10,710	cI-IIA	L+SL		74/74	14/14								PQ, PM	9/3	L	28/17	24	**51**	>1 [e]	-	-	-
Crabtree 2014 (13)	US ×1	04-10	112 [c]	cI-IIA	L+SL		70/71	50/55								PM	5	L	34/23	[47] [h]	**[75]** [h]	-	-	-	-
Lin 2019 (50)	China ×1	11-16	90 [c]	cI-IIA	L		70/69	-								PM	5	L	31/25	[80] [h]	[79] [h]	1	[80] [h]	**[86]** [h]	>1 [e]
Verstegen 13 (51)	Dutch x6	-	128 [c]	cI-IIA	L [g]		68/71	45/45								PM	10	L	16/30	**[80]** [h]	[77] [h]	.92	-	-	-
Cornwell 2018 (52)	VA ×1	09-14	74 [c]	cI-IIA	L		68/66	-								PM	10	L	30	[53] [h]	**[86]** [h]	>1 [e]	[78] [h]	**[93]** [h]	>1 [e]
Dong 2019 (53)	China ×1	12-17	132 [c]	cI-IIIA	L+SL	Incl GG	68/68	26/24								PM	8	L	48/31	73	**83**	>1 [e]	[89] [h]	**[95]** [h]	>1 [e]
Van den Berg (54)	Dutch ×1	07-10	340	cI-IIA	L [m,n]		67/77	55/61								MV	6	VL	61/61	32 [f]	**58** [f]	1.07	-	-	-
Albano 2018 (55)	US ×1	08-12	132 [c]	cI-IIA	L		66/74	-								MV, PM	5	VL	-	30	**76**	>1 [e]	-	-	-
Mokhles 2015 (56)	Dutch ×1	03-12	96 [c]	cI-IIA	L		67/67	47/46								PM	10	VL	54/30	53	**80**	>1 [e]	-	-	-
Kastelijn 2015 (57)	Dutch ×1	08-11	228	cI-IIIA	L [m]		67/72									PA	7	VL	42/32	18 [f]	**54** [f]	1.7	-	-	-

Inclusion criteria (for *Tables 1,2*): studies with multivariable or propensity adjustment of SBRT *vs*. surgery, 2000–21, with >50 pts per arm, general data. The HR reference is surgery (HR >1 indicates worse outcome compared with surgery). Bold highlights better outcome (>2-point difference); Light green shading highlights statistically significant differences (lighter shade = univariable; darker = multivariable); Red font indicates follow-up <24 months in at least one arm. For abbreviations, footnotes, explanation of adjustment for confounding see legend for *Table 2*.