

**Table S3.** Statistical data of immune status indicators in the studied points against the background of SABR depending to the number of the irradiated lesions

Parameter	Irradiated lesion	Timestamp	Medians	Min	Mean	SD	Max	N
T-lymphocytes (CD3 <sup>+</sup> CD19 <sup>-</sup> )	1	Before SABR	72.45	39.7	70.74375	11.64421	93.9	32
		3-4 weeks after SABR	76.35	55.1	74.675	10.08147	94	32
		6-8 weeks after SABR	74.5	49.6	73.35938	9.962117	91.3	32
	≥ 2	Before SABR	75.7	60.9	75.13571	6.75797	83.8	14
		3-4 weeks after SABR	80.55	52.1	77.41429	10.03623	90.2	14
		6-8 weeks after SABR	76.95	56.5	75.22143	8.48031	92.6	14
T-helpers (CD3 <sup>+</sup> CD4 <sup>+</sup> )	1	Before SABR	38.25	16.7	37.54688	10.78948	59.2	32
		3-4 weeks after SABR	42.95	16.9	41.98125	10.80939	59.2	32
		6-8 weeks after SABR	39.3	14.2	40.04063	10.04689	57.8	32
	≥ 2	Before SABR	46.1	26.9	44.72143	9.189055	57.7	14
		3-4 weeks after SABR	45.05	27.3	45.94286	10.07897	63.4	14
		6-8 weeks after SABR	44.35	30.8	44.92143	9.958698	62.8	14
Activated T-helpers (CD3 <sup>+</sup> CD4 <sup>+</sup> HLA-DR <sup>+</sup> )	1	Before SABR	4.5	1.9	4.79375	1.597364	8.1	32
		3-4 weeks after SABR	7.3	1.4	7.83125	3.54596	16.8	32
		6-8 weeks after SABR	6.7	2.5	6.665625	2.649602	12.6	32
	≥ 2	Before SABR	5.65	2.2	6.242857	3.13239	13.5	14
		3-4 weeks after SABR	7.65	1.5	8.042857	4.207633	17.4	14
		6-8 weeks after SABR	7.6	3.2	7.978571	3.716735	15.1	14
Cytotoxic T-lymphocytes (CD3 <sup>+</sup> CD8 <sup>+</sup> )	1	Before SABR	30.2	15.5	30.8375	9.967876	58	32
		3-4 weeks after SABR	26.55	16	30.475	10.53054	63	32
		6-8 weeks after SABR	30.55	15	31.43125	10.59998	62.4	32
	≥ 2	Before SABR	28.35	13	26.7	5.948626	34.2	14
		3-4 weeks after SABR	27.65	10.3	26.48571	6.082618	33.2	14
		6-8 weeks after SABR	28.25	11.6	27.31429	5.868935	32.6	14
T-regulatory lymphocytes (CD4 <sup>+</sup> CD25 <sup>bright</sup> CD127 <sup>low</sup> )	1	Before SABR	9.8	3.4	9.4125	2.027512	13.7	32
		3-4 weeks after SABR	8.15	3.6	8.534375	2.547688	16.3	32
		6-8 weeks after SABR	8.6	4	8.584375	1.906713	14.2	32
	≥ 2	Before SABR	9.7	5.5	9.292857	1.870608	12.3	14
		3-4 weeks after SABR	7.95	6.6	8.628571	2.193146	15.5	14
		6-8 weeks after SABR	8.05	6.6	8.485714	1.595598	12.9	14

SABR, stereotactic ablative radiotherapy.