

Supplemental Table 1: Patient characteristics and analysis of overall survival in cohort 2 (39 patients)

Prognostic Factor	n	%	% Dead	1 Year survival rate [95%-CI^a] (%)	2 Year survival rate [95%-CI^a] (%)	p^b
All patients	39	44.8	74.4	47.8 [31.9; 63.7]	17.4 [3.5; 31.3]	
Gender						0.394
Male	23	59.0	82.6	43.5 [23.2; 63.7]	14.5 [-1.7; 30.6]	
Female	16	41.0	62.5	54.5 [29.5; 79.6]	22.7 [-3.2; 48.6]	
Age						0.733
≤ 55 years	19	48.7	73.7	39.9 [17.3; 62.6]	20.5 [0.8; 40.3]	
> 55 years	20	51.3	75.0	55.0 [33.2; 76.8]	12.2 [-7.5; 32.0]	
M-category						0.103
M1a or M1b	12	30.8	66.7	66.7 [40.0; 93.3]	27.8 [-1.2; 56.8]	
M1c	27	69.2	77.8	39.1 [20.3; 57.9]	12.2 [-2.6; 27.1]	
Tregs						0.917
≤ 7%	19	48.7	73.7	52.6 [30.2; 75.1]	20.5 [0.6; 40.4]	
> 7%	20	51.3	75.0	42.7 [20.4; 64.9]	18.3 [0.0; 36.6]	
MDSCs						0.011
≤ 11%	18	46.2	61.1	66.7 [44.9; 88.4]	33.2 [9.2; 57.2]	
> 11%	21	53.8	85.7	30.8 [10.4; 51.1]	0.0 [0.0; 0.0]	

^a 95%-CI = 95% confidence interval; ^b p-values are results of log rank tests excluding cases with missing values. Tregs - regulatory T cells; MDSCs – myeloid-derived suppressor cells;