

Supplementary Table 5. Influence of baseline tumor parameters on overall survival (n=20)

Parameter	Dichotomized	2-Year OS	Log-rank P-value
All		63.5	
Sex	Male	64.0	0.912
	Female	60.0	
Smoking	No	80.0	0.453
	Yes	58.7	
Alcohol abuse	No	85.1	<0.001*
	Yes	0	
Age (yr)	<Median 56.0	57.1	0.618
	≥Median 56.0	70.0	
Body mass index (kg/m ²)	<Median 27.0	58.3	0.419
	≥Median 27.0	68.6	
Localization	Cavity of mouth	50.0	0.448
	Oropharynx	72.9	
cT classification	cT2	64.8	0.777
	cT3–4	62.3	
cN classification	cN0	100.0	0.317
	cN+	60.2	
Therapy arm	A (1 cycle IC)	37.5	0.102
	B (3 cycles IC)	81.5	
Tumor reduction first cycle IC	<30%	16.7	0.005*
	≥30%	81.5	
Grading of the pretreatment biopsy	G1–2	61.1	0.658
	G3	66.7	
Human papilloma virus	No	66.7	0.852
	Yes	75.0	
HPV+ and nonsmoker	No	66.2	0.370
	Yes	100.0	
Laminin gamma 2	No/low	66.7	0.216
	High	80.8	
Alpha smooth muscle actin stroma	No/low	65.6	0.370
	High	100.0	
Alpha smooth muscle actin in vessels	No/low	62.5	0.495
	High	72.7	
CD163	No/low	69.8	0.775
	High	100.0	
E-cadherin/membrane-bound	No/low	65.2	0.629
	High	75.0	
E-cadherin/cytoplasmatic	No/low	55.9	0.348
	High	85.7	
N-cadherin	No/low	59.3	NA
	High	-	
Stroma formation	Low	72.0	0.231
	High	53.3	
Inflammation	Low	66.7	0.959
	High	72.7	
Invasion front	Low	81.3	0.019*
	High	33.3	

OS, overall survival; IC, induction chemotherapy; NA, not applied.

*P<0.05.