

Supplementary Table 1. Univariate analyses by log-rank test of the clinical parameters predicting the prognosis of patients with stage IVa head and neck squamous cell carcinoma (n=1,033)

Variable	Number of patients	5-Year OS (%)	P-value	5-Year DFS (%)	P-value
Age (yr)			<0.001*		0.008*
≥60	431	68.0		63.9	
<60	602	55.0		53.8	
Sex			0.818		0.510
Male	859	60.4		58.4	
Female	174	61.6		57.6	
Primary tumor			<0.001*		<0.001*
Oral	329	59.1		51.5	
Oropharynx	301	69.7		67.1	
Larynx	165	64.8		61.9	
Hypopharynx	238	48.9		52.9	
T stage			<0.049*		<0.001*
Non-T4a	582	63.9		62.9	
T4a	451	55.8		51.7	
N stage			0.313		0.853
N0, 1	201	62.9		59.2	
N2	832	60.1		58.0	
Treatment modality			0.012*		<0.001*
Surgery (+)	765	64.4		62.0	
Surgery (-)	268	49.5		45.4	

OS, overall survival; DFS, disease-free survival.

*Statistically significant ($P < 0.05$).