

Table S1. Description of immunostaining experimental condition.

Immunostaining	CD8	FoxP3	CD68
	<i>Antigen retrieval</i>		
Buffers	EDTA 10%	Citrate 10%	EDTA 10%
Conditions	MP 6min	MW 21min	MP 6min
<i>Blocage</i>	Caseine 0,5% 15min	CSAII Kit, Dako	Caseine 0,5% 15min
	<i>Primary Ab</i>		
Speces	Mouse	Mouse	Mouse
Manufacturer	Dako	Invitrogen	Dako
Dilution	1/200	1/200	1/200
Timing	1h RT	1h RT	1h RT
	<i>Secondary Ab</i>		
References	BrightVision+ Poly- HRP-Anti Mouse/Rabbit IgG, VWR	CSAII Kit, Dako	BrightVision+ Poly- HRP-Anti Mouse/Rabbit IgG, VWR

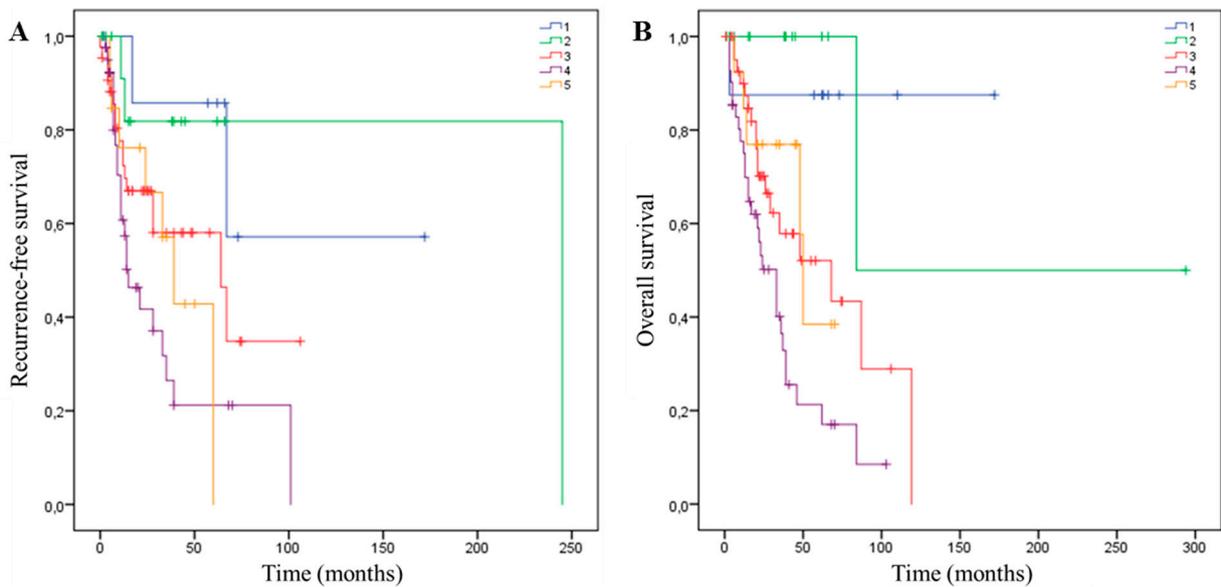


Figure S1. Immunoscore included CD8 ST/IT, FoxP3 ST/IT and CD68 IT. (A) Kaplan Meier curves comparing recurrence-free survival (RFS) and (B) overall survival (OS) of our scoring system (range 1 to 5).

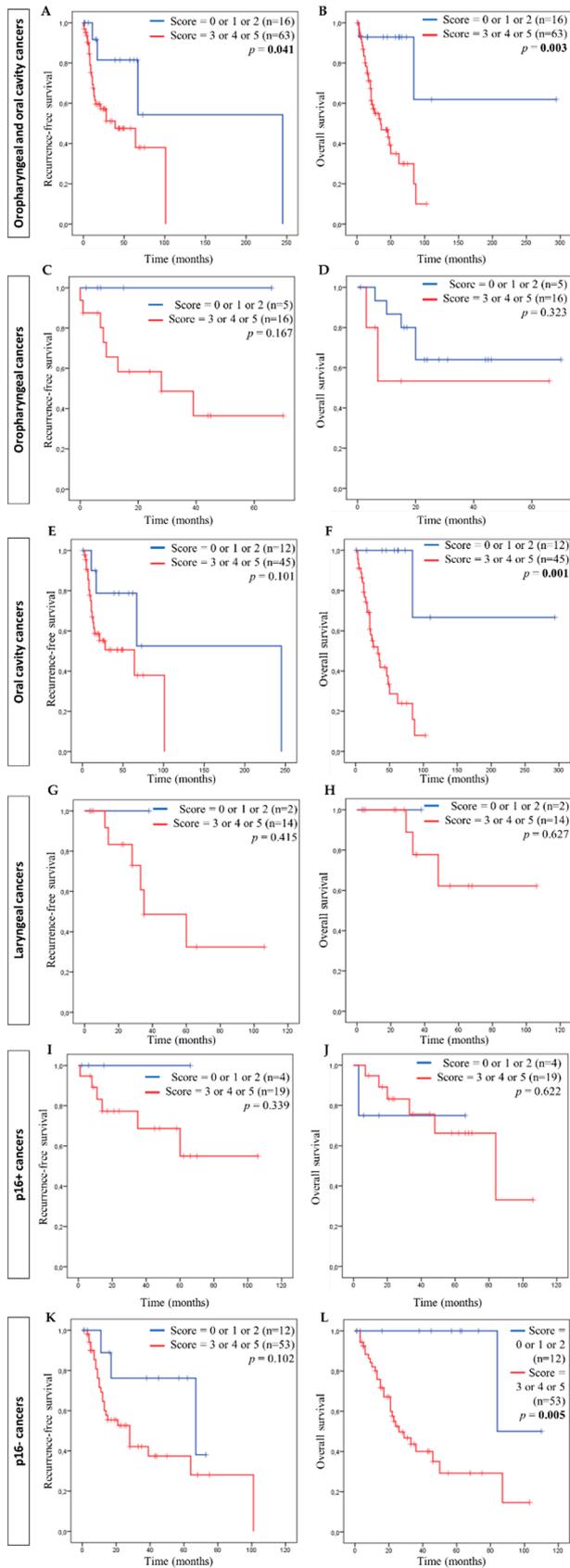


Figure S2. Immunoscore included CD8 ST/IT, FoxP3 ST/IT and CD68 IT. Kaplan Meier curves comparing recurrence-free survival (RFS) and overall survival (OS) of our scoring system (range 1 to 5) in oropharyngeal and oral cavity cancers (A-B), in oropharyngeal cancers (C-D), in oral cavity cancers (E-F), in laryngeal cancers (G-H), in p16+ HNSCC (I-J), p16- HNSCC (K-L).