

**Supplementary Table S2:** Adjusted Cox modeling of IND and NND in tongue SCC\*

	<b>DSS</b>		
<b>Parameter</b>	<b>N</b>	<b>P-value</b>	<b>HR [CI]</b>
<b>By <u>number</u> of nerves</b>			
Intratumoral nerve density (IND)	77	0.062	2.46 [0.96, 6.31]
Normalized nerve density (NND)	77	<b>0.031</b>	<b>2.98 [1.10, 8.02]</b>
<b>By <u>total area</u> of nerves</b>			
Intratumoral nerve density (IND)	77	0.190	1.60 [0.79, 3.22]
Normalized nerve density (NND)	77	0.105	1.62 [0.90, 2.90]

\* Adjusted for tumor clinical stage (AJCC 8<sup>th</sup> edition), differentiation, and comorbidities.

HR = hazard ratio

CI = 95% confidence interval

Values in bold indicate significance at  $p < 0.05$

IND and NND values were log-transformed to fit the model