

Table S1. Summary of measurements.

Parameters	ADCmean (10 <sup>-3</sup> mm <sup>2</sup> /s)	SUVmax	TLG	MTV
Sex				
Male	0.906±0.44	11.06±0.55	125.9±1.56	13.87±1.61
Female	0.910±0.85	9.48±0.39	128.6±2.05	17.76±2.59
T stages				
T1	0.934±0.18	6.24±0.32	17.66±0.66	2.68±0.18
T2	0.893±0.30	10.30±0.45	74.58±1.02	6.90±0.53
T3	0.900±0.23	11.96±0.62	142.1±1.13	16.01±1.36
T4	0.924±0.49	9.96±0.39	173.4±2.42	22.70±0.29
N stage				
N0	0.960±0.12	7.60±0.52	130.7±2.83	19.8±0.35
N1	0.905±0.10	9.38±0.38	45.36±0.31	10.6±0.88
N2	0.909±0.11	11.54±0.57	163.9±2.53	16.6±0.19
N3	0.889±0.16	10.95±0.14	226.7±3.31	24.6±0.33
M stage				
M0	0.913±0.13	10.36±0.50	119.9±1.52	14.64±0.18
M1	0.866±0.91	12.26±0.61	180.3±2.91	18.45±2.87
Localization				
Pharyngeal	0.822±0.24	10.81±0.53	156.4±1.82	17.19±1.81
Laryngeal	0.946±0.28	11.78±0.56	88.35±0.78	9.14±0.93
Oral	0.917±0.49	9.59±0.43	111.1±1.96	15.86±2.11
Grade				
G1	0.978±0.24	9.09±0.51	164.8±2.54	28.2±0.36
G2	0.907±0.27	10.86±0.42	120.1±1.24	13.7±0.14
G3	0.874±0.33	11.10±0.71	197.2±3.87	17.7±0.22
Overall	0.907±0.81	10.57±0.53	126.9±1.17	15.07±0.22