

Supplementary Table 2. Multivariable analysis for total ER visits (treatment-related or unrelated)

Variable	P-value	Odds ratio	95% CI
Tumor subsite			
Oral cavity (reference)		1	
Oropharynx	0.187	0.324	0.061–1.730
Larynx+hypopharynx	0.001	5.408	2.058–14.212
Paranasal sinus, nasal cavity, nasopharynx	0.589	1.358	0.447–4.122
Others	0.733	0.811	0.244–2.699
T classification			
T1 (reference)		1	
T2	0.004	4.490	1.609–12.528
T3	0.001	6.769	2.159–21.227
T4	0.032	3.892	1.125–13.471
Post-hoc analysis (T2 vs. T3 vs. T4)	NS ^{a)}		
N classification			
N0 (reference)		1	
N1	0.070	3.114	0.911–10.646
N2	0.152	2.250	0.742–6.822
N3	0.152	0.189	0.019–1.849
Post-hoc analysis (N1 vs. N2 vs. N3)	NS ^{a)}		
Treatment methods			
Curative non-surgical treatment (reference)		1	
Surgery alone	<0.001	18.774	4.593–76.744
Surgery with RT	<0.001	14.724	3.466–62.545
Surgery with CCRT	<0.001	26.980	6.716–108.381
Palliative treatment	0.998	-	-
Post-hoc analysis (surgery vs. surgery with RT vs. surgery with CCRT)	NS ^{a)}		

ER, emergency room; NS, not significant; RT, radiation treatment; CCRT, concurrent chemoradiation.

^{a)}P>0.05.