

Supplemental Tables for:

Comparison of the 7th & 8th ed of American Joint Committee on Cancer (AJCC) staging for selected & non-selected oropharyngeal squamous cell carcinomas

Nabil Saba et al.

| Table S1: AJCC 8 Stage Categories for non HPV-Associated OPSCC | | | | |
|--|-----------------|------------|------------|--|
| Stage Group | T Category | N Category | M Category | |
| 0 | Tis | N0 | M0 | |
| Ι | T1 | N0 | M0 | |
| II | T2 | N0 | M0 | |
| III | T3 | N0 | M0 | |
| III | T1, T2, T3 | N1 | M0 | |
| IVA | T4a | N0, N1 | M0 | |
| IVA | T1, T2, T3, T4a | N2 | M0 | |
| IVB | Any T | N3 | M0 | |
| IVB | T4b | Any N | M0 | |
| IVC | Any T | Any N | M1 | |
| | | | | |

Table S1: AJCC 8 Staging Categories for non HPV-associated OPSCC adapted from updated AJCC 8 guidelines

| Table S2: AJCC 8 Stage Categories for HPV-Associated OPSCC Stage Cream N Categories | | | | | |
|---|-----------------------|-------------------|------------|--|--|
| Stage Group | T Category | N Category | M Category | | |
| Ι | T0, T1, or T2 | N0 or N1 | M0 | | |
| II | T0, T1, or T2 | N2 | M0 | | |
| II | Τ3 | N0, N1, or N2 | M0 | | |
| III | T0, T1, T2, T3, or T4 | N3 | M0 | | |
| III | T4 | N0, N1, N2, or N3 | M0 | | |
| IV | Any T | Any N | M1 | | |

Table S2: AJCC 8 Staging Categories for non HPV-associated OPSCC adapted from updated AJCC 8 guidelines

| 7 th Stage | T Category | N Category | М | Frequency | Percent |
|-----------------------|---------------|-------------------|----------|-----------|---------|
| Group | | | Category | | |
| I | T0/ T1 | NO | M0 | 188 | 1.97 |
| | то | N1 | M0 | 100 | |
| II | T2 | N0 | M0 | 560 | 5.86 |
| | то | N2a/N2b/N2c/N2NOS | M0 | 500 | |
| Ш | Т3 | N0 | M0 | | 18.67 |
| | T1/T2/T3 | N1 | M0 | 1784 | |
| | то | N3 | M0 | | |
| IVA | T4a | N0/N1 | M0 | 6049 | 63.31 |
| | T1/T2/T3/T4a | N2a/N2b/N2c/N2NOS | M0 | 0049 | |
| IVB | * | N3 | M0 | 581 | 6.08 |
| | * | T4b | M0 | 201 | |
| IVC | * | * | M1 | 392 | 4.10 |

Table S3 – 7th edition AJCC Staging Group after restaging with Supplemental Table 1

| 8 th Stage Grou p | T Category | N Category | M Categor Y | Frequenc Y | Percen t |
|---------------------------------------|-------------------------------|---------------------|-------------------|---------------|-------------|
| I | T0/T1/T2 | N0/N1 | M0 | 1836 | 19.22 |
| | T1/T1/T2 | N2a/N2b/N2c/N2NOS | M0 | | |
| П | Т3 | N0/N1/ | M0 | 5326 | 55.75 |
| | | N2a/N2b/N2c/N2NOS | | | |
| | T0/T1/T2/T3/T4a/T4b/T4NO S | N3 | M0 | | |
| III | T4a/T4b/T4NOS | N0/N1/ | M0 | 2000 | 20.93 |
| | | N2a/N2b/N2c/N2NOS/N | | | |
| | | 3 | | | |
| IV | * | * | M1 | 392 | 4.10 |

Table S4 - 8th edition AJCC Staging Group after restaging with Supplemental Table 2