

Supplemental Table 1: Demographic and Disease Characteristics of elderly patients with HPV+ and HPV- OPSCC

Variable	HPV+ (n=62)	HPV- (n=26)	All Patients (n =88)	p-value ^a
Pack years				0.71
Median (IQR)	35 (11-50)	30 (13-45)	31 (10-49)	
Smoking quit years				0.21
Median (IQR)	26 (14-39)	19 (13-26)	25 (13-35)	
Tumor Stage (AJCC 8th edition), n (%)				0.001
T1	8 (13)	14 (54)	22 (25)	
T2	28 (45)	7 (27)	35 (40)	
T3	15 (24)	2 (8)	17 (19)	
T4	11 (18)	3 (12)	14 (16)	
Lymph node involvement (AJCC 8th edition), n (%)				<.001
N0	5 (8)	10 (38)	15 (17)	
N1	16 (26)	10 (38)	26 (30)	
N2	32 (52)	4 (15)	36 (41)	
N3	9 (15)	2 (8)	11 (13)	
Stage (AJCC 7th edition), n (%)				0.46
I	6 (10)	0 (0)	6 (7)	
II	1 (2)	4 (15)	5 (6)	
III	10 (16)	3 (12)	13 (15)	
IVA	40 (65)	14 (54)	54 (61)	
IVB	5 (8)	5 (19)	10 (11)	
HPV test(s) performed, n (%)				<.001
p16	8 (13)	20 (80)	28 (32)	
p16 and ISH	12 (19)	4 (15)	16 (18)	
DNA PCR confirmation	42 (68)	2 (8)	44 (50)	

^a; p-values relate to HPV+ versus HPV-