Appendix 6 (as supplied by the authors): Factors associated with HPV testing

Patient characteristic	Tested n=1282	Not tested n=2361	Unadjusted		Adjusted[a]	
			OR (95% CI)	p-value	OR (95% CI)	p-value
Age at diagnosis Mean (SD)	59.8 (10.2)	60.7 (10.9)	0.91 (0.84-1.00)[b]	***	1.00 (0.91-1.09)[b]	
Sex						
Female	20%	23%	reference	***	1 reference	***
Male	80%	77%	1.27 (1.03-1.57)		1.31 (1.04-1.64)	
Oropharyngeal subsite						
Tonsil	55%	47%	reference	*	reference	**
Base-of-tongue	36%	38%	0.91 (0.75-1.10)		0.84 (0.69-1.02)	
Other	9%	15%	0.44 (0.33-0.58)		0.57 (0.42-0.76)	
Smoking status						
Current	37%	45%	reference	*	reference	***
Former	38%	36%	1.44 (1.18-1.75)		1.28 (1.02-1.61)	
Never	26%	19%	2.14 (1.69-2.71)		1.53 (1.13-2.09)	
Pack-years[c] Mean (SD)	33.5 (23.9)	37.7 (24.8)	0.93 (0.90-0.96)	*	0.98 (0.94-1.02)	
Alcohol consumption						
Moderate/heavy	36%	40%	reference	**	reference	
None/light	64%	60%	1.41 (1.18-1.69)		1.08 (0.88-1.33)	
Tumor (T) stage						
1	19%	22%	reference		reference	
2	34%	36%	0.96 (0.75-1.22)		0.98 (0.76-1.27)	
3	24%	23%	0.78 (0.60-1.02)		0.80 (0.61-1.06)	
4	23%	19%	0.89 (0.68-1.16)		1.02 (0.76-1.35)	
Nodal (N) stage						
0	15%	22%	reference	*	reference	***
1	11%	14%	1.30 (0.94-1.79)		1.21 (0.86-1.69)	
2	67%	56%	1.77 (1.40-2.25)		1.50 (1.16-1.94)	
3	7%	8%	1.28 (0.87-1.88)		1.08 (0.72-1.61)	

[a]Multivariable logistic regression model comparing tested vs. not tested for p16. All variables in table were included as covariates in the models, stratified by province.
[b]per 10-year periods; [c]10-pack-year increase (among ever-smokers)
OR – odds ratio; CI – confidence interval
* $p<0.0001$; ** $p<0.001$; *** $p<0.05$