Supplementary Table 2. Variable selection frequency using backwards stepwise procedure in Cohort-1

Variable	SWR Bootstrap	
	N=20,000	
	Frequency*	Percent
Positive surgical margin	16436	82.2
Overall clinical stage	14306	71.5
Pathologic level IV/ V nodes	8783	43.9
Lymphovascular invasion	7342	36.7
Overall pathologic stage	6910	34.6
Age	4811	24.1
Extranodal extension	2639	13.2
Smoking history	949	4.7
Sex	1311	6.6
Perineural invasion	1249	6.2
Charlson comorbidity	1698	8.5
Race	24	0.1
Intercept	20,000	

^{*}Number of times the variable was selected out of 20,000