

**S2 Table.** All combinations using 5 predictor variables

No.	Value					Score					Total	Probability of LNM risk
	Histologic grade	Submucosal invasion	Background adenoma	Vascular invasion	Tumor budding	Histologic grade	Submucosal invasion	Background adenoma	Vascular invasion	Tumor budding		
1	Low	sm1	Yes	No	No	0	0	0	0	0	0	0.0119
2	Low	sm1	Yes	No	Yes	0	0	0	0	25	25	0.0200
3	Low	sm1	No	No	No	0	0	26	0	0	26	0.0206
4	Low	sm2/sm3	Yes	No	No	0	36	0	0	0	36	0.0252
5	Low	sm1	No	No	Yes	0	0	26	0	25	51	0.0344
6	Low	sm2/sm3	Yes	No	Yes	0	36	0	0	25	61	0.0419
7	Low	sm2/sm3	No	No	No	0	36	26	0	0	62	0.0430
8	Low	sm2/sm3	No	No	Yes	0	36	26	0	25	87	0.0708
9	High	sm1	Yes	No	No	97	0	0	0	0	97	0.0870
10	Low	sm1	Yes	Yes	No	0	0	0	100	0	100	0.0926
11	High	sm1	Yes	No	Yes	97	0	0	0	25	122	0.1390
12	High	sm1	No	No	No	97	0	26	0	0	123	0.1421
13	Low	sm1	Yes	Yes	Yes	0	0	0	100	25	125	0.1474
14	Low	sm1	No	Yes	No	0	0	26	100	0	126	0.1507
15	High	sm2/sm3	Yes	No	No	97	36	0	0	0	133	0.1693
16	Low	sm2/sm3	Yes	Yes	No	0	36	0	100	0	136	0.1792
17	High	sm1	No	No	Yes	97	0	26	0	25	148	0.2192
18	Low	sm1	No	Yes	Yes	0	0	26	100	25	151	0.2312
19	High	sm2/sm3	Yes	No	Yes	97	36	0	0	25	158	0.2567
20	High	sm2/sm3	No	No	No	97	36	26	0	0	159	0.2617
21	Low	sm2/sm3	Yes	Yes	Yes	0	36	0	100	25	161	0.2700
22	Low	sm2/sm3	No	Yes	No	0	36	26	100	0	162	0.2752
23	High	sm2/sm3	No	No	Yes	97	36	26	0	25	184	0.3753
24	Low	sm2/sm3	No	Yes	Yes	0	36	26	100	25	187	0.3915
25	High	sm1	Yes	Yes	No	97	0	0	100	0	197	0.4459
26	High	sm1	Yes	Yes	Yes	97	0	0	100	25	222	0.5770
27	High	sm1	No	Yes	No	97	0	26	100	0	223	0.5834

28	High	sm2/sm3	Yes	Yes	No	97	36	0	100	0	233	0.6326
29	High	sm1	No	Yes	Yes	97	0	26	100	25	248	0.7035
30	High	sm2/sm3	Yes	Yes	Yes	97	36	0	100	25	258	0.7448
31	High	sm2/sm3	No	Yes	No	97	36	26	100	0	259	0.7497
32	High	sm2/sm3	No	Yes	Yes	97	36	26	100	25	284	0.8354

LNМ, lymph node metastasis.