Supplementary TABLE 1. Univariate and Multivariate Analysis of Factors Associated with Clinical Outcomes (N=151)

Histopathological parameter	N	%	Overall survival						Progression-free survival					
			Univariate analysis			Multivariate analysis			Univariate analysis			Multivariate analysis		
			HR	95% CI	*P*-values	HR	95% CI	*P*-values	HR	95% CI	*P*-values	HR	95% CI	*P*-values
Nuclear size and pleomorphism														
Score 1	0	0.0	1.00	-	reference	1.00	-	reference	1.00	-	reference	1.00	-	reference
Score 2	6	4.0	NE	-	-	NE	-	-	NE	-	-	NE	-	-
Score 3	145	96.0	NE	-	-	NE	-	-	NE	-	-	NE	-	-
Mitosis														
Score 1 (up to 8)	7	4.6	1.00	-	reference	1.00	-	reference	1.00	-	reference	1.00	-	reference
Score 2 (9 to 17)	16	10.6	NE	-	-	NE	-	-	NE	-	-	NE	-	-
Score 3 (18 or more)	128	84.8	NE	-	-	NE	-	-	NE	-	-	NE	-	-
Lymphatic invasion (D2-40 stain)														
Absent	109	72.2	1.00	-	reference	1.00	-	reference	1.00	-	reference	1.00	-	reference
Present	36	23.8	1.75	1.03-2.99	0.04*	1.25	0.71-2.23	0.441	1.58	1.03-2.43	0.038*	0.95	0.57-1.57	0.840
Vascular invasion (EVG stain)														
Absent	65	43.0	1.00	-	reference	1.00	-	reference	1.00	-	reference	1.00	-	reference
Present	77	51.0	1.44	0.88-2.36	0.146	0.94	0.55-1.59	0.815	1.83	1.20-2.77	0.005*	1.22	0.79-1.88	0.378
Tubule formation														
Score 1	34	22.5	1.00	-	reference	1.00	-	reference	1.00	-	reference	1.00	-	reference
Score 2	79	52.3	0.91	0.53-1.56	0.739	0.90	0.50-1.60	0.711	0.89	0.56-1.40	0.607	0.85	0.53-1.37	0.509
Score 3	38	25.2	0.41	0.20-0.84	0.015*	0.70	0.31-1.57	0.381	0.37	0.20-0.69	0.002*	0.67	0.34-1.32	0.248
Nottingham grade														
Grade 1	1	0.7	1.00	-	reference	1.00	-	reference	1.00	NE	reference	1.00	-	reference
Grade 2	47	31.1	NE	-	-	NE	-	-	NE	-	-	NE	-	-
Grade 3	103	68.2	NE	-	-	NE	-	-	NE	-	-	NE	-	-

Abbreviations: CI, confidence interval; EVG, elastica van Gieson; HR, hazard ratio

Adjusted by age, sex, primary tumor site, TNM classification, first-line treatment, and histologic origin.

* Statistically significant difference (*P*<0.05).

**Marginally significant difference (*P*=0.05 to <0.1).