

Supplementary Table 1. Univariable analysis of disease-free survival

Feature	CNB	
	Hazard ratio (95% CI)	P-value
Sex		
Female	1 (Reference)	NA
Male	11.47 (1.435–91.66)	0.004
Age (yr)		
≤65	1 (Reference)	NA
>65	2.58 (0.75–8.93)	0.100
Preoperative CNB diagnosis		
Less-than-malignant	1 (Reference)	NA
Malignant	11.03 (1.39–87.78)	0.005
Grade		
Low/intermediate	1 (Reference)	NA
High	14.79 (3.80–57.6)	<0.001
pT stage		
1–2	1 (Reference)	NA
3–4	9.59 (2.03–45.17)	<0.001
pN stage		
N–	1 (Reference)	NA
N+	5.75 (1.65–19.96)	0.002
Extraparenchymal extension		
No	1 (Reference)	NA
Yes	4.53 (1.28–16.06)	0.01
Perineural invasion		
No	1 (Reference)	NA
Yes	15.24 (3.90–59.45)	<0.001
Margin		
Negative	1 (Reference)	NA
Positive	2.72 (0.76–9.69)	0.100

CNB, core needle biopsy; NA, not applicable.