

**Supplementary Table 3.** Risk factors for recurrence within 5 years (among patients who received resection, n=802)

Variable	Unadjusted		Multivariable	
	HR (95% CI)	P-value	HR (95% CI)	P-value
Age ≥60 vs. <60 (years)	1.05 (0.84–1.30)	0.670		
Male vs. female	1.28 (0.98–1.66)	0.066	1.27 (0.98–1.66)	0.076
Diabetes	0.89 (0.67–1.19)	0.426		
HBV vs. others	1.05 (0.80–1.38)	0.735		
Advanced fibrosis on histology* vs. no	1.32 (0.96–1.83)	0.091	1.57 (1.12–2.20)	0.008
ALBI grade 2 vs. 1	1.14 (0.93–1.40)	0.195		
AFP ≥10 vs. <10 (ng/mL)	1.32 (1.07–1.63)	0.009	1.38 (1.12–1.71)	0.003
Tumor number				
Single	Reference			
Two	0.79 (0.46–1.35)	0.384		
Three	1.81 (0.45–7.26)	0.403		
Maximal tumor diameter (cm)				
≤2	Reference			
>2 and ≤5	1.45 (1.12–1.87)	0.005	1.52 (1.17–1.97)	0.002
>5	2.01 (1.46–2.77)	<0.001	2.30 (1.65–3.20)	<0.001

HR, hazard ratio; CI, confidence interval; HBV, hepatitis B virus; ALBI, albumin-bilirubin; FIB-4 score, fibrosis-4 score; AFP, alpha-fetoprotein; RFA, radiofrequency ablation.

\*Advanced fibrosis was defined as stage 3 (bridging fibrosis) or stage 4 (cirrhosis).