



Figure S1 Classified survival according to the number of liver metastasis, using X-tile, in patients without (A) and with (B) neoadjuvant treatment.

Table S1 Clinical characteristics of patients in validation group

Variables	Total
Sex	
Male	121
Female	78
Age (y)	57.8
BMI (kg/m ²)	22.9
Site of primary tumor	
Left	109
Right	90
Distribution of liver metastasis	
Unilobar	113
Bilobar	86
No. hepatic metastasis	4.3
Max diameter of hepatic metastasis (cm)	3.3
Elevated CEA level (>5.0 ng/mL)	
No	38
Yes	161
Neoadjuvant therapy	120
Transfusion	
No	170
Yes	29
Post-operative complications	
No	172
Yes	27
Primary tumor type	
Adenocarcinoma	180
Mucinous	19
Differentiation	
G1–G2	142
G3–G4	57
T stage	
0–2	30
3–4	169
N stage	
0	61
1–2	138
Lymphovascular invasion	
No	94
Yes	105
Perineural Invasion	
No	113
Yes	86
RAS mutation	
No	71
Yes	80
BRAF mutation	
No	71
Yes	5