

TableS1. Comparisons of patients characteristics in training and validation datasets

Characteristics	Training dataset (n = 120)	Validation dataset (n = 53)	P
MVI			0.968
Positive	57	25	
Negative	63	28	
Age, years			0.002
< 35	5	2	
35-65	64	43	
≥ 65	51	8	
Gender			0.151
Male	13	43	
Female	13	10	
BMI			0.061
< 18.5	8	2	
18.5-25	63	38	
≥ 25	49	13	
α-Fetoprotein			0.792
< 20 ng/mL	54	25	
≥20ng/mL	66	28	
Edmondson-Steiner Grade			0.100
I	18	2	
II	74	38	
III	28	13	
Cirrhosis of background liver			0.625
Absent	37	18	
Present	83	34	
Serum albumin			0.898
< 35 g/L	15	7	
≥35 g/L	105	46	
Alanine transaminase			0.325
< 40 U/L	73	28	
≥ 40 U/L	47	25	
Aspartate transaminase			0.014
< 40 U/L	70	31	
≥ 40 U/L	50	22	
Total billrubin			0.444
< 21 μmol/L	96	45	
≥ 21 μmol/L	24	8	
γ-Glutamyltransferase			<0.001
< 60 U/L	23	24	
≥ 60 U/L	97	29	
Neutrophils, 10 ⁹ /L*	3.39±1.76	3.18±1.37	0.422
Lymphocyte, 10 ⁹ /L*	1.68±0.56	1.71±0.70	0.816
Hemoglobin, g/L*	141±14	140±15	0.370
Platelet,10 ⁹ /L*	175±70	183±73	0.461
Tumor size			<0.001
< 5cm	88	23	
≥ 5cm	32	30	
Tumor margin			0.203
Smooth margin	31	9	
Non-smooth margin	89	44	

Enhancement pattern			0.437
Typical	49	25	
Atypical	71	28	
Peritumoral enhancement on artery phase			0.225
Absent	73	27	
Present	47	26	
Radiologic capsule on delay phase			0.028
Absent	80	26	
Present	40	27	
Peritumoral hypointensity			0.989
Absent	59	26	
Present	61	27	
