

Table S1, Demographic and clinic characteristics of HCC patients in the initial training set

Variable Name	Mean±SD or %	Variable Name	Percentage
Survival (month)	33.8 ± 29.4	Event	
Disease free survival (month)	25.0 ± 28.9	Deceased	32.2
Age (year)	56.0 ± 12.0	Censored	67.8
Male	80.4%	Child's grade	
Liver Function Parameters		A	97.3
AFP [$\log_{10}$] (ng/mL)	2.18 ± 1.39	B	2.7
SGPT (U/L)	61.0 ± 51.4	Family History of HCC	20.7
SGOT (U/L)	64.3 ± 53.9	Smoking	
BILIRUBIN (μ M)	14.5 ± 11.2	No	55.6
ALBUMIN (mg/mL)	40.2 ± 4.7	Moderate	30.5
		Heavy	13.9
Tumor Size (cm)	7.6 ± 4.1	Alcohol Drinking	
Tumor Recurrence	51.1%	No	60.5
Venous Infiltration		Moderate	23.3
Absence	50.6%	Heavy	16.2
Presence	49.4%	Tumor Nodule (N =)	
Non-tumorous liver histology		1	76.3
Cirrhotic	57.1%	2	6.8
Non-cirrhotic	13.9%	3	1.5
Chronic hepatitis	28.9%	4	1.1
TNM Stage		5	0.4
I	3.0%	6	0.8
II	41.1%	Multiple >6	13.2
IIIA	35.5%	Edmondson Grade	
IV	20.3%	Undifferentiated	1.3
AJCC Stage		Poorly Differentiated	18.3
I	41.5%	Moderate Differentiated	59.2
II	27.9%	Well Differentiated	21.3
IIIA	21.9%	HBsAg Status	
IIIB	7.5%	Positive	86.1
IV	1.1%	Negative	13.9