

Supplementary material

Supplementary figures

Figure S1. Forest plot of relative factors associated with sBM occurrence. OR (odds ratio), 95%CI (confidence interval).

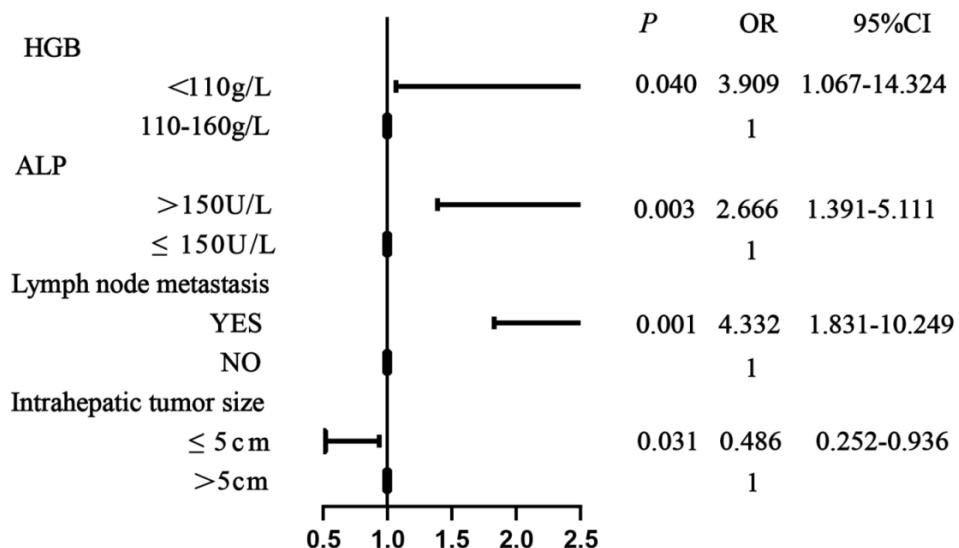


Figure S2. Forest plot of relative factors associated with mBM occurrence. OR (odds ratio), 95%CI (confidence interval).

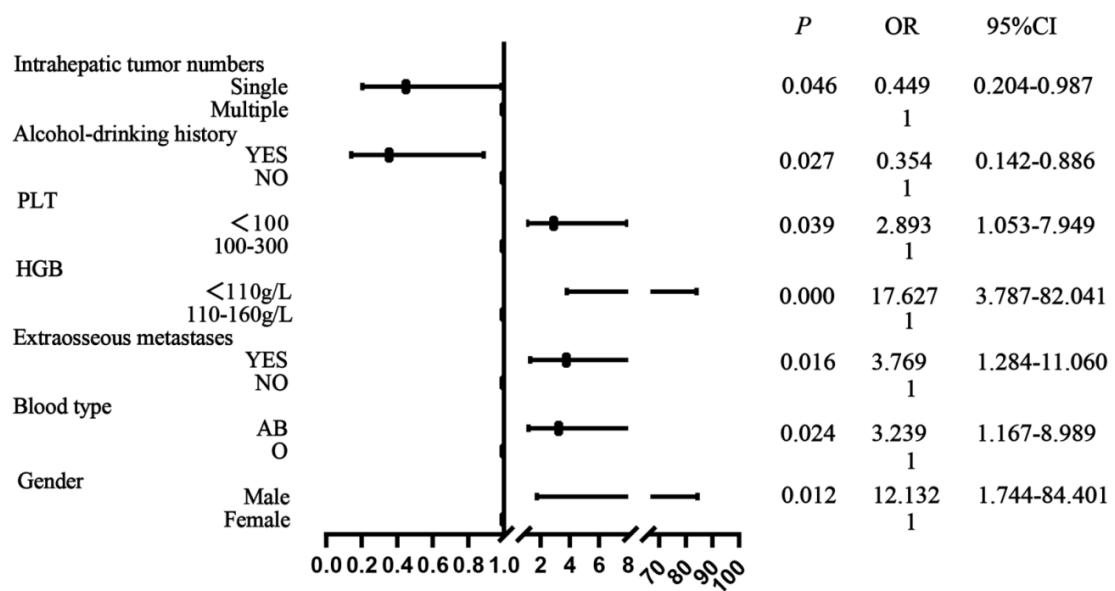
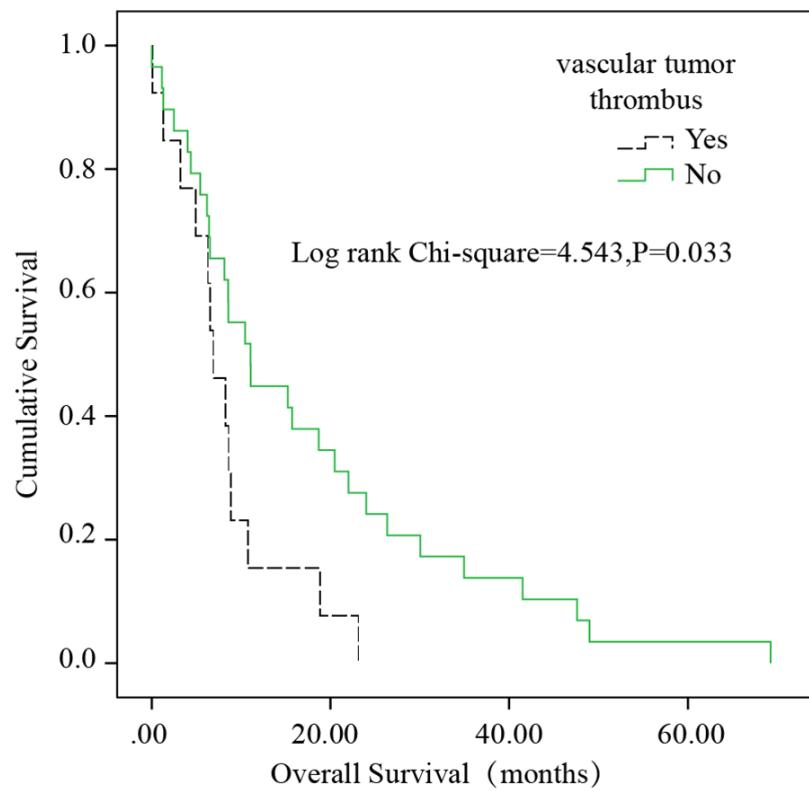


Figure S3. Overall survival analysis of HCC patients with BM according to vascular tumor thrombus.



Supplementary tables

Table S1. The localization of extraosseous metastatic sites.

Localization	Number of extraosseous	Percentage
Lung	18	53.0%
Adrenal gland	3	8.8%
Abdominal wall	3	8.8%
Peritoneum and retroperitoneum	5	14.7%
Chest wall	2	5.9%
Spleen	2	5.9%
Brain	1	2.9%
Total	34	100%

Table S2. The distribution of spinal metastasis after HCC diagnosis in mBM group.

Spine	Total occurrences	Time after HCC diagnosis(months)			
	N=64	6	6-12	12-24	>24
Cervical	5	1 (20.0%)	1 (20.0%)	2 (40.0%)	1(20.0%)
Thoracic	23	16 (69.6%)	3 (13.0%)	1 (4.4%)	3(13.0%)
Lumbar	21	13 (61.9%)	2 (9.5%)	3 (14.3%)	3(14.3%)
Sacrum	15	10 (66.7%)	2 (13.3%)	2 (13.3%)	1(6.7%)