Supplemental material

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J Immunother Cancer

Supplementary Table 2. The correction between CNV risk score with clinicopathological characteristics

Variable	Category	High-risk (N=71)	Low-risk (N=80)	P value (Fisher's exact test)
Sex	Female	28 (39.4)	25 (47.2)	0.310
	Male	43 (60.6)	55 (56.1)	
Age	<60	34 (47.9)	39 (48.8)	1
	>=60	37 (52.1)	41 (51.2)	
Histological Type	BTC	52 (73.2)	39 (48.8)	**0.004**
	CHCC	2 (2.8)	2 (2.6)	
	HCC	17 (23.9)	39 (48.8)	
Histological Grade	Moderately or well differentiated	42 (59.2)	55 (68.8)	0.238
	Poorly differentiated	29 (40.8)	25 (31.3)	
Macrovascular Invasion	N	54 (76.1)	65 (81.3)	0.550
	Y	17 (23.9)	15 (18.8)	
TNM Stage	I-III	30 (42.3)	29 (36.3)	0.505
	IV	41 (57.7)	51 (63.7)	
Tumor burden score	<8	37 (52.1)	57 (71.3)	**0.019**
	>=8	34 (47.9)	23 (28.7)	
Maximum tumor diameter	<5	27 (38.0)	52 (65.0)	**0.001**
	>=5	44 (62.0)	28 (35.0)	

Abbreviations: HCC: hepatocellular carcinoma, BTC: biliary tract cancer, CHCC: combined hepatocellular-cholangiocarcinoma, CNV: copy number variation