

Supporting information

Figure S1

PSM results. Dot plot of individual patients in the LR and TACE-LR groups who are either matched or unmatched.

Supplementary Tables

(Table S1) and (Table S2) Univariable and Multivariable Analysis of Predictors for OS and DFS after PSM.

Distribution of Propensity Scores

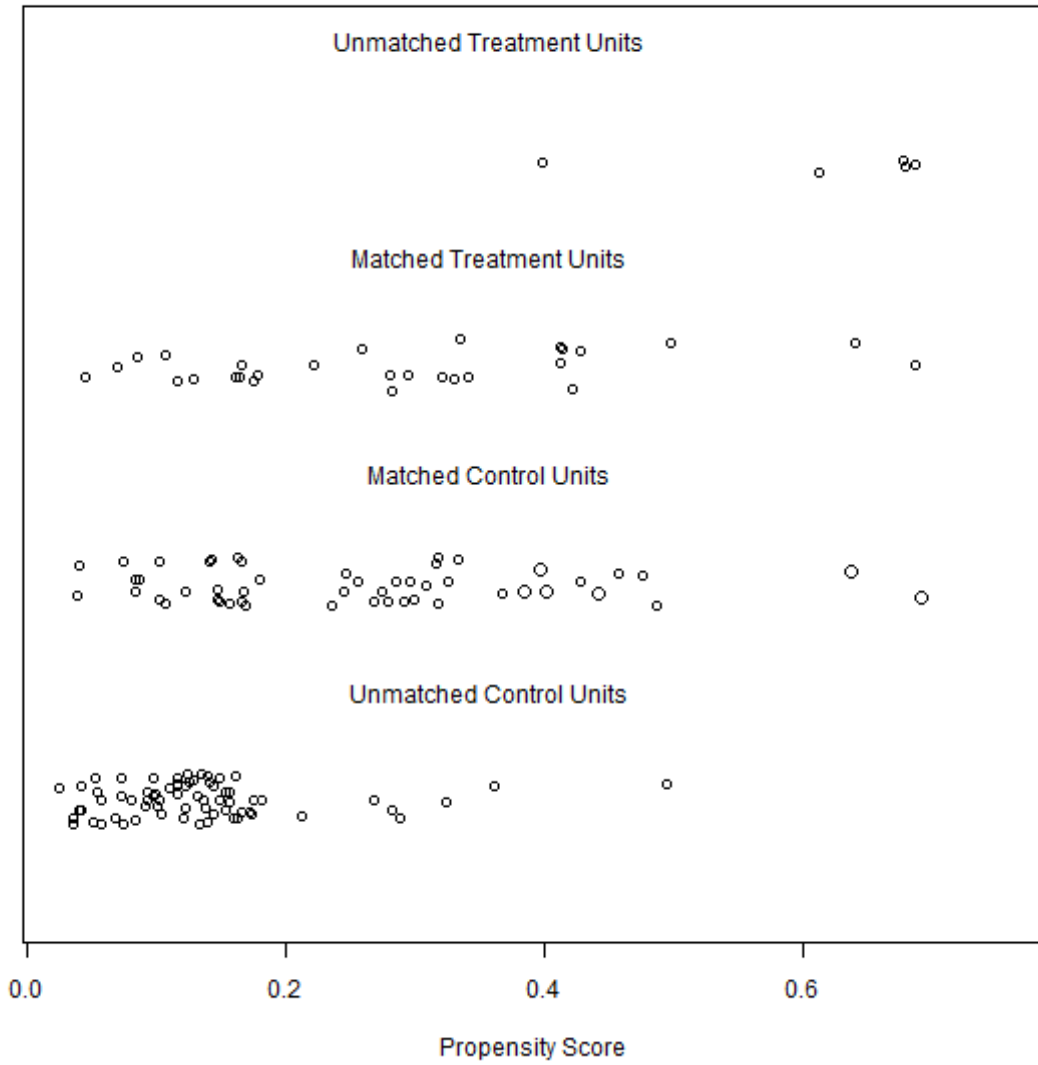


Table S1. Univariable and Multivariable Analysis of Predictors for OS after PSM

Variable	Univariable Analysis			Multivariable Analysis		
	HR	95% CI	P Value	HR	95% CI	P Value
Pre-operative TACE (no/yes)	0.899	0.408 - 1.979	0.791	0.815	0.362 - 1.835	0.621
Age (y)	0.995	0.969 - 1.022	0.727			
Gender (M/F)	1.913	1.813 - 4.498	0.137			
Liver cirrhosis (no/yes)	1.226	0.558 - 2.693	0.613			
Etiology (Non-hepatitis/HBV & HCV)	0.575	0.198 - 1.663	0.307			
Total bilirubin level ($\mu\text{mol/L}$)	1.011	0.930 - 1.099	0.797			
Albumin level (g/L)	1.023	0.930 - 1.125	0.642			
PT (s)	1.125	0.924 - 1.371	0.241			
ALT level (U/L)	0.998	0.981 - 1.016	0.858			
AFP level ($\leq 400 / > 400\text{ng/mL}$)	1.463	0.621 - 3.448	0.384			
Primary tumor number (1/>1)	0.548	0.190 - 1.579	0.265			
Primary tumor size (cm)	1.038	0.922 - 1.167	0.540			
Microvascular invasion of primary tumor (no/yes)	1.346	0.182 - 9.967	0.771			
Primary tumor differentiation (moderate & well/poor)	2.329	1.105 - 4.910	0.026	2.198	1.038 - 4.651	0.040
Recurrent tumor size (cm)	1.078	0.918 - 1.267	0.360			
Recurrent tumor number (1/>1)	1.167	0.551 - 2.476	0.686			
Interval between initial resection and recurrence (mo)	0.976	0.953 - 0.999	0.037	0.975	0.951 - 0.999	0.044

TACE, transcatheter arterial chemoembolization; HBV, hepatitis B virus; HCV, hepatitis C virus; PT, prothrombin time; ALT, alanine aminotransferase; AFP, alpha-fetoprotein.

Table S2. Univariable and Multivariable Analysis of Predictors for DFS after PSM

Variable	Univariable Analysis			Multivariable Analysis		
	HR	95% CI	P Value	HR	95% CI	P Value
Pre-operative TACE (no/yes)	0.784	0.441 - 1.394	0.407	0.853	0.478 - 1.523	0.591
Age (y)	0.985	0.965 - 1.006	0.159			
Gender (M/F)	1.435	0.716 - 2.874	0.308			
Liver cirrhosis (no/yes)	1.273	0.706 - 2.293	0.422			
Etiology (Non-hepatitis/HBV & HCV)	0.883	0.351 - 2.222	0.792			
Total bilirubin level ($\mu\text{mol/L}$)	0.961	0.901 - 1.026	0.233			
Albumin level (g/L)	0.994	0.924 - 1.070	0.877			
PT (s)	1.059	0.911 - 1.231	0.458			
ALT level (U/L)	0.999	0.988 - 1.010	0.805			
AFP level ($\leq 400 / > 400\text{ng/mL}$)	1.279	0.657 - 2.492	0.469			
Primary tumor number (1/>1)	0.778	0.409 - 1.482	0.446			
Primary tumor size (cm)	1.025	0.939 - 1.118	0.581			
Microvascular invasion of primary tumor (no/yes)	0.423	0.058 - 3.061	0.394			
Primary tumor differentiation (moderate & well/poor)	2.060	1.196 - 3.550	0.009	2.025	1.171 - 3.505	0.012
Recurrent tumor size (cm)	1.025	0.912 - 1.153	0.673			
Recurrent tumor number (1/>1)	1.481	0.858 - 2.555	0.159			
Interval between initial resection and recurrence (month)	0.999	0.987 - 1.012	0.930			

TACE, transcatheter arterial chemoembolization; HBV, hepatitis B virus; HCV, hepatitis C virus; PT, prothrombin time; ALT, alanine aminotransferase; AFP, alpha-fetoprotein.