

Supplemental table 1. Comparisons of patient baseline characteristics and operative variables before and after PSM.

Characteristic	Before PSM			After PSM		
	PSTH (n = 49)	UH (n = 2318)	<i>P</i> value	PSTH (n = 49)	UH (n = 98)	<i>P</i> value
Age, years	56.0 (34.0– 77.0)	58.0 (20.0– 87.0)	0.062	56.0 (34.0– 77.0)	54.0 (43.0– 65.0)	0.941
Gender			0.544			0.862
Male	43	1961		43	85	
Female	6	357		6	13	
AFP, ng/mL			0.001**			0.848
< 20	30	1080		30	58	
20–400	11	614		11	26	
> 400	8	624		8	14	
HB, g/L	130.7 (85.0– 160.0)	141.3 (55.0– 200.0)	0.001**	130.7 (85.0– 160.0)	132.4 (111.2– 153.6)	0.449
TB, μmol/L	12.3 (3.5–26.9)	14.4 (1.9– 249.6)	0.051	12.3 (3.5–26.9)	12.8 (7.1– 18.5)	0.582
ALB, g/L	38.9 (32.8– 51.0)	42.4 (29.6– 55.0)	0.001**	38.9 (32.8– 51.0)	39.1 (35.3– 42.9)	0.325
ALT, U/L	34.8 (6.3– 236.0)	38.9 (5.2– 883.0)	0.011*	34.8 (6.3– 236.0)	28.5 (22.4– 34.6)	0.206
AST, U/L	39.6 (13.0– 146.0)	34.5 (10.2– 280.5)	0.416	39.6 (13.0– 146.0)	35.0 (30.7– 39.3)	0.839
γ-GT, U/L	73.7 (11.0– 242.0)	85.8 (6.0– 1448.0)	0.363	73.7 (11.0– 242.0)	68.3 (59.4– 77.2)	0.788
HBsAg			0.665			0.580

Positive	39	1784		39	74	
Negative	10	534		10	24	
HCV-RNA			0.001**			1.000
Positive	0	72		0	0	
Negative	49	2246		49	98	
PT, s	12.6 (9.9–15.1)	12.0 (9.4–17.4)	0.001**	12.6 (9.9–15.1)	12.7 (11.7–13.7)	0.562
INR	1.1 (0.91–1.34)	1.1 (0.85–1.54)	0.004**	1.1 (0.91–1.34)	1.1 (1.0–1.2)	0.642
Ascites			0.013*			0.132
None	42	2178		42	89	
Mild	7	105		7	6	
Moderate	0	34		0	3	
Severe	0	1		0	0	
Cirrhosis			0.865			0.461
None	10	455		10	28	
Mild	21	1020		21	38	
Moderate	16	684		16	24	
Severe	2	159		2	8	
No. of tumors			0.005**			0.480
Single	26	1657		26	58	
Multiple	23	661		23	40	
Maximum tumor size, cm	7.5 (3.8–18)	5.5 (0.5–23)	0.001**	7.5 (3.8–18)	7.8 (2.7–12.9)	0.470

Values are presented as median (range). Pearson χ^2 , Fisher's exact, and Mann-Whitney U (Wilcoxon rank sum test) tests were used, as appropriate; * $P < 0.05$, ** $P < 0.01$. PSM, propensity score matching; PSTH, preoperative systemic therapy and hepatectomy; UH,

upfront hepatectomy; AFP, α -fetoprotein; HB, hemoglobin; TB, total bilirubin; ALB, albumin; ALT, alanine aminotransferase; AST, aspartate aminotransferase; γ -GT, gamma-glutamyl transferase; PT, prothrombin time; INR, international normalized ratio.