

S4 Table. OS and 1-year conditional survival estimates of each BCLC subgroups using initial treatment methods in cohort A

	BCLC		Surgery		LT		Local ablation		Transarterial Tx		Systemic CTx		RTx		BSC	
	OS	1YR CSE	OS	1YR CSE	OS	1YR CSE	OS	1YR CSE	OS	1YR CSE	OS	1YR CSE	OS	1YR CSE	OS	1YR CSE
BCLC 0																
No. (%)	342		59 (17.3)		1 (0.3)		120 (35.1)		152 (44.4)		0		0		10 (2.9)	
at 1YR	96.8	95.8	96.6	98.2	-	-	98.3	96.6	96.1	93.8	-	-	-	-	90.0	100.0
at 2YR	92.7	94.6	94.9	92.9	-	-	95.0	96.5	90.1	93.4	-	-	-	-	90.0	100.0
at 3YR	87.7	92.2	88.1	93.7	-	-	91.7	91.6	84.2	91.4	-	-	-	-	90.0	100.0
at 4YR	80.9	90.4	82.6	96.9	-	-	83.9	94.2	77.0	82.8	-	-	-	-	90.0	100.0
at 5YR	73.1	90.3	80.0	100.0	-	-	79.1	90.6	63.8	82.3	-	-	-	-	90.0	-
at 6YR	66.0	-	80.0	-	-	-	71.6	-	52.5	-	-	-	-	-	-	-
BCLC A																
No. (%)	1,730 (42.6)		475 (27.5)		13 (0.8)		291 (16.8)		810 (46.8)		12 (0.7)		6 (0.3)		123 (7.1)	
at 1YR	89.4	87.6	95.6	94.3	92.3	91.7	93.5	92.6	88.5	83.4	50.0	83.3	66.7	100.0	65.9	70.4
at 2YR	78.3	87.7	90.1	94.2	84.6	100.0	86.6	88.9	73.8	83.1	41.7	80.0	66.7	100.0	46.3	80.7
at 3YR	68.7	89.3	84.8	95.1	84.6	100.0	77.0	89.5	61.4	85.2	33.3	75.0	66.7	100.0	37.4	82.0
at 4YR	61.4	88.2	80.7	98.5	84.6	100.0	68.9	84.0	52.3	84.6	25.0	-	66.7	-	30.6	73.7
at 5YR	54.2	89.9	79.5	87.1	84.6	-	57.9	93.6	44.2	89.7	-	-	-	-	22.6	91.7
at 6YR	48.7	-	69.3	-	-	-	54.2	-	39.6	-	-	-	-	-	20.7	-
BCLC B																
No. (%)	441 (10.9)		46 (10.4)		8 (1.8)		11 (2.5)		293 (66.4)		10 (2.3)		1 (0.2)		72 (16.3)	
at 1YR	71.7	74.4	87.0	97.5	62.5	100.0	90.9	90.0	77.5	72.7	40.0	25.0	100.0	0.0	40.3	69.0
at 2YR	53.3	76.2	84.8	84.6	62.5	100.0	81.8	88.9	56.3	72.7	10.0	100.0	0.0	-	27.8	60.0
at 3YR	40.6	80.5	71.7	96.3	62.5	100.0	72.7	100.0	41.0	74.4	10.0	100.0	-	-	16.7	72.7
at 4YR	32.7	87.3	69.1	91.7	62.5	100.0	72.7	100.0	30.5	84.4	10.0	0.0	-	-	12.1	83.3
at 5YR	28.5	90.0	63.3	-	62.5	-	72.7	-	25.7	94.4	0.0	-	-	-	10.1	-
at 6YR	25.7	-	-	-	-	-	-	-	24.3	-	-	-	-	-	-	-
BCLC C																
No. (%)	1,348 (33.2)		104 (7.7)		4 (0.3)		45 (3.3)		642 (47.6)		142 (10.5)		44 (3.3)		367 (27.2)	

at 1YR	39.2	66.3	78.8	86.6	100.0	75.0	86.7	82.1	48.0	63.0	17.6	44.0	22.7	50.0	16.3	56.7
at 2YR	26.0	74.9	68.3	90.1	75.0	100.0	71.1	81.3	30.2	69.6	7.7	63.6	11.4	40.0	9.3	73.5
at 3YR	19.4	86.0	61.5	89.6	75.0	100.0	57.8	96.2	21.0	80.8	4.9	85.7	4.5	100.0	6.8	90.9
at 4YR	16.7	83.5	55.2	79.6	75.0	-	55.6	100.0	17.0	81.4	4.2	100.0	4.5	-	6.2	79.1
at 5YR	14.0	73.4	43.9	-	-	-	55.6	-	13.8	47.7	4.2	-	-	-	4.9	-
at 6YR	10.2	-	-	-	-	-	-	-	6.6	-	-	-	-	-	-	-

BCLC D

No. (%)	202 (5.0)		1 (0.5)		7 (3.5)		12 (5.9)		62 (30.7)		8 (4.0)		2 (1.0)		110 (54.5)	
at 1YR	26.2	75.5	-	-	100.0	100.0	50.0	83.3	53.2	69.7	0.0	-	0.0%	-	5.5	66.7
at 2YR	19.8	70.0	-	-	100.0	100.0	41.7	80.0	37.1	60.9	-	-	-	-	3.6	50.0
at 3YR	13.9	73.2	-	-	100.0	83.3	33.3	50.0	22.6	77.1	-	-	-	-	1.8	50.0
at 4YR	10.2	93.8	-	-	83.3	100.0	16.7	100.0	17.4	88.9	-	-	-	-	0.9	100.0
at 5YR	9.5	-	-	-	83.3	-	16.7	-	15.5	-	-	-	-	-	0.9	-
at 6YR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Values are presented as percentage unless otherwise indicated. OS, overall survival; BCLC, Barcelona-clinic liver cancer; LT, liver transplantation; Tx, therapy; CTx, chemotherapy; RTx, radiation therapy; BSC, best supportive care; CSE, conditional survival estimates; 1YR CSE, 1-year CSE; "X"YR or "X"mo, at the time of "X"-year or "X"-month survival.