

S4 Table. Frequency table of transitions including patients with available pathological information (n=307)

From	To				
	OP (state 0)	LR (state 1)	Meta (state 2)	LR+Meta (state 3)	Death (state4)
OP (state 0) (n=307)	130 (42.3)	5 (1.6) (λ_{01})	131 (42.7)(λ_{02})	15 (4.9)(λ_{03})	26 (8.5)(λ_{04})
LR (state 1) (n=5)	0	0	0	5 (100)(λ_{13})	0
Meta (state 2) (n=131)	0	0	40 (30.5)	30 (22.9)(λ_{23})	61 (46.6)(λ_{24})
LR+Meta (state 3) (n=50)	0	0	0	1 (2.0)	49 (98.0)(λ_{34})

Values are presented as number (%). LR, local recurrence; LR+Meta, concurrent local recurrence and metastasis; Meta, distal metastasis; OP, operation.