

Table SI. Relationships between pre- and post-^MCTC status and clinicopathological parameters of CRC patients.

Parameters	Pre- ^M CTCs					Post- ^M CTCs				
	n (%)	Negative	Positive	χ^2 -value	P-value	n (%)	Negative	Positive	χ^2 -value	P-value
Sex				0.502	0.479				2.246	0.134
Male	114 (65.1)	68	46			77 (60.6)	56	21		
Female	61 (34.9)	33	28			50 (39.4)	30	20		
Age				0.030	0.863				0.347	0.556
<60 years	77 (44.0)	45	32			48 (37.8)	31	17		
≥60 years	98 (56.0)	56	42			79 (62.2)	55	24		
Tumor location				2.257	0.133				2.014	0.156
Colon	92 (52.6)	58	34			58 (45.7)	43	15		
Rectal	83 (47.4)	43	40			69 (54.3)	43	26		
Tumor size				2.628	0.105				0.730	0.393
<5 cm	69 (39.4)	45	24			47 (37.0)	34	13		
≥5 cm	106 (60.6)	56	50			80 (63.0)	52	28		
Tumor grade				6.897	0.009 ^a				2.987	0.084
Low	103 (58.9)	51	52			76 (59.8)	47	29		
Middle and High	72 (41.1)	50	22			51 (40.2)	39	12		
LVI				15.495	<0.001 ^a				8.791	0.003 ^a
Absence	101 (57.7)	71	30			82 (64.6)	63	19		
Presence	74 (42.3)	30	44			45 (35.4)	23	22		
PNI				3.423	0.064				2.598	0.107
Absence	113 (64.6)	71	42			86 (67.7)	64	24		
Presence	62 (35.4)	30	32			41 (32.3)	24	17		
Tumor invasion				24.044	<0.001 ^a					
T1-2	48 (27.4)	42	6			22 (17.3)	16	6	0.306	0.580
T3-4	127 (72.6)	59	68			105 (82.7)	70	35		
LNM				10.382	0.001 ^a				4.517	0.034 ^a
N0-1	84 (48.0)	59	25			41 (32.3)	33	8		
N2-3	91 (52.0)	42	49			86 (67.7)	53	33		
TNM stage				1.389	0.239				0.660	0.417
II	68 (38.9)	43	25			53 (41.7)	38	15		
III	107 (61.1)	58	49			74 (58.3)	48	26		
CEA level				2.602	0.107				2.788	0.095
<5 ng/ml	127 (72.6)	78	49			87 (68.5)	63	24		
≥5 ng/ml	48 (27.4)	23	25			40 (31.5)	23	17		
Overall	175 (100.0)	101	74	-	-	127 (100.0)	86	41	-	-

^aP<0.05. CRC, colorectal cancer; ^MCTCs, mesenchymal circulating tumor cells; LVI, lymphovascular invasion; PNI, perineural invasion; LNM, lymph node metastasis; TNM, tumor-node-metastasis; CEA, carcinoembryonic antigen.