Supplementary Table S1. Association of PD-L1 expression in IC and TC with clinicopathological characteristics

Variable	IC < 1% (n = 40)	IC 1%–5% (n = 47)	IC > 5% (n = 37)	p-value	p-trend	TC < 1% (n = 55)	TC 1%–5% (n = 57)	TC > 5% (n = 12)	p-value	p-trend
T category				.124	.391				.844	.567
T1	3 (7.5)	4 (8.5)	5 (13.5)			4 (7.3)	7 (12.3)	1 (8.3)		
T2	2 (5.0)	12 (25.5)	3 (8.1)			6 (10.9)	10 (17.5)	1 (8.3)		
T3	19 (47.5)	17 (36.2)	16 (43.2)			25 (45.5)	21 (36.8)	6 (50.0)		
T4	16 (40.0)	14 (29.8)	13 (35.1)			20 (36.4)	19 (33.3)	4 (33.3)		
N category				.518	.896				.416	.777
N0	21 (52.5)	26 (55.3)	22 (59.5)			29 (52.7)	32 (56.1)	8 (66.7)		
N1	13 (32.5)	13 (27.7)	6 (16.2)			18 (32.7)	13 (22.8)	1 (8.3)		
N2	6 (15.0)	8 (17.0)	9 (24.3)			8 (14.5)	12 (21.1)	3 (25.0)		
M category				.953	–				.996	–
M0	36 (90.0)	43 (91.5)	34 (91.9)			50 (90.9)	52 (91.2)	11 (91.7)		
M1	4 (10.0)	4 (8.5)	3 (8.1)			5 (9.1)	5 (8.8)	1 (8.3)		
TNM stage				.630	.232				.688	.252
I	3 (7.5)	11 (23.4)	8 (21.6)			6 (10.9)	14 (24.6)	2 (16.7)		
II	9 (22.5)	8 (17.0)	7 (18.9)			11 (20.0)	10 (17.5)	3 (25.0)		
III	24 (60.0)	24 (51.1)	19 (51.4)			33 (60.0)	28 (49.1)	6 (50.0)		
IV	4 (10.0)	4 (8.5)	3 (8.1)			5 (9.1)	5 (8.8)	1 (8.3)		
Differentiation				.881	.551				.573	.277
Well	3 (7.5)	3 (6.4)	3 (8.1)			4 (7.3)	4 (7.0)	1 (8.3)		
Moderate	35 (87.5)	41 (87.2)	30 (81.1)			49 (89.1)	48 (84.2)	9 (75.0)		
Poor	2 (5.0)	3 (6.4)	4 (10.8)			2 (3.6)	5 (8.8)	2 (16.7)		
Lymphovascular invasion				.028	.010				.350	.156
Yes	4 (10.0)	13 (27.7)	13 (35.1)			10 (18.2)	16 (28.1)	4 (33.3)		
No	36 (90.0)	34 (72.3)	24 (64.9)			45 (81.8)	41 (71.9)	8 (66.7)		
Perineural invasion				.039	.031				.227	.087
Yes	11 (27.5)	13 (27.7)	19 (51.4)			15 (27.3)	22 (38.6)	6 (50.0)		
No	29 (72.5)	34 (72.3)	18 (48.6)			40 (72.7)	35 (61.4)	6 (50.0)		
Tumor necrosis				.048	.017				.039	.011
Yes	16 (40.0)	23 (48.9)	25 (67.6)			22 (40.0)	33 (57.9)	9 (75.0)		
No	24 (60.0)	24 (51.1)	12 (32.4)			33 (60.0)	24 (42.1)	3 (25.0)		

Values are presented as number (%). p-values were obtained using the chi-square test or Fisher's exact test, as appropriate, for comparisons across IC and TC categories. P for trend was calculated across ordered categories when applicable. IC and TC were categorized as <1%, 1%–5%, and >5%. All tests were two-sided. PD-L1, programmed cell death ligand 1; IC, immune-cell PD-L1; TC, tumor-cell PD-L1.