

Supplementary Figure 1 Restricted cubic spline curves in CRC. A: PNI. B: SIRI.

Subgroup	H-PNI	L-PNI		HR(95%CI)	P for interaction	Subgroup	H-SIRI	L-SIRI		HR(95%CI)	P for interaction
All Patients	32/315	53/155		0.30 (0.18 ~ 0.50)		All Patients	44/112	41/358	H	0.44 (0.25 ~ 0.78)	
Sex					0.863	Sex					0.66
Male	19/192	30/87	H	0.37 (0.19 ~ 0.73)		Male	24/78	25/201		0.63 (0.28 ~ 1.44	
Female	13/123	23/68	•••	0.25 (0.10 ~ 0.63)		Female	20/34	16/157	· • · · ·	0.46 (0.17 ~ 1.23	
Age					0.26	Age					0.22
≥60	23/164	36/97	H	0.39 (0.22 ~ 0.71)		≥60	29/61	30/200	H.	0.31 (0.08 ~ 1.10)	
< 60	9/151	17/58	•	0.16 (0.05 ~ 0.50)		< 60	15/51	11/158	·•	0.63 (0.33 ~ 1.22)	
BMI					0.733	BMI					0.86
<24	17/138	30/79	H	0.27 (0.13 ~ 0.56)		<24		20/164	H H	0.57 (0.22 ~ 1.48)	
≥24	15/177	23/76	H e	0.31 (0.14 ~ 0.69)		≥24	17/59	21/194		0.38 (0.17 ~ 0.88	
Smoke					0.453	Smoke					0.86
Yes	9/104	12/46	· • · · ·	0.40 (0.14 ~ 1.21)		Yes	12/40	9/110	·•	0.21 (0.05 ~ 0.95	
No	23/211	41/109	•	0.26 (0.15 ~ 0.48)		No	32/72	32/248	H e ;	0.48 (0.25 ~ 0.92)	
Drink					0.534	Drink					0.0
Yes	6/65	8/24	•	0.14 (0.03 ~ 0.76)		Yes	11/22	3/67	•	0.00 (0.01 ~ 0.20)	
No	26/250	45/131		0.32 (0.18 ~ 0.55)		No	33/90	38/291		0.64 (0.34 ~ 1.19	
CEA					0.155	CEA					0.07
Normal	12/204	27/95		0.21 (0.09 ~ 0.49)		Normal		17/235	•• :	0.15 (0.06 ~ 0.42)	
High	20/111	26/60	H	0.41 (0.21 ~ 0.82)		High	22/48	24/123	→• <u>+</u> ··	0.65 (0.29 ~ 1.45)	
Differentiated degree					0.765	Differentiated degree					0.22
Poorly	9/47	15/26	•	0.14 (0.04 ~ 0.49)		Poorly		13/48	•	0.40 (0.07 ~ 2.31	
Moderately/Well	23/268	38/129	••• i	0.36 (0.20 ~ 0.65)		Moderately/Well	33/87	28/310	Here i	0.41 (0.21 ~ 0.78	
Tumor stage					0.254	Tumor stage					0.72
1/11	9/193	18/90	•••	0.23 (0.09 ~ 0.57)		1/11		12/219	H + + + + + + + + + + + + + + + + + + +	0.36 (0.10 ~ 1.32)	
III	23/122	35/65	H H -1	0.35 (0.18 ~ 0.68)			29/48	29/139	H H -1	0.44 (0.21 ~ 0.94)	
Nerve invasion					0.938	Nerve invasion					0.81
Yes	15/50	20/34		0.53 (0.17 ~ 1.60)		Yes		12/63	• ÷	0.55 (0.13 ~ 2.35)	
No	17/265	33/121		0.21 (0.11 ~ 0.42)		No		29/295	He-H	0.42 (0.21 ~ 0.83)	
Intravascular tumor emi	boli				0.68	Intravascular tumor er					0.45
Yes	13/61	14/26		0.29 (0.09 ~ 0.93)		Yes		17/59		 0.44 (0.16 ~ 1.19) 	
No	19/254	39/129	H H -1	0.32 (0.18 ~ 0.58)		No	26/87	24/299	H	0.35 (0.16 ~ 0.75)	
		-2.0 -1.0		2.0 3.0				-2.0 -1.	0 0.0 1.0 2.0	3.0 ►	
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Supplementary Figure 2 Stratification analysis of PNI and SIRI in CRC. A: High PNI and low PNI. B: High SIRI and low SIRI. Adjusted for age, gender, BMI, smoke, drink, T stage, N stage, tumor stage, differentiated degree, nerve invasion, intravascular tumor emboli, CEA, NLR, MLR and PLR.