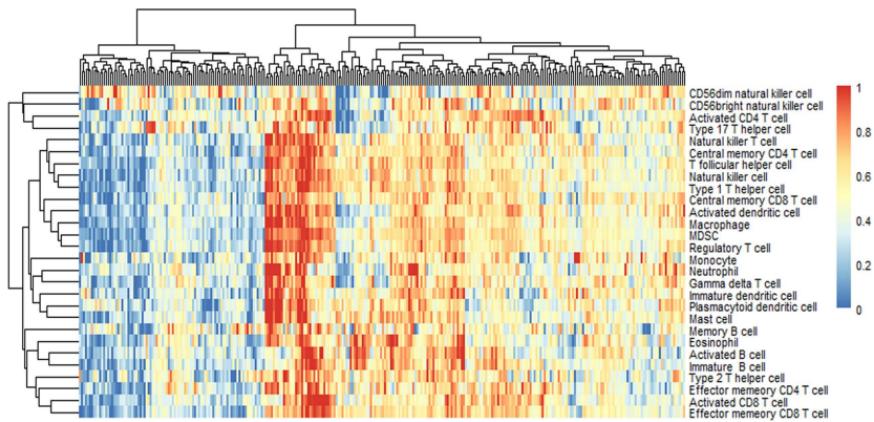


Figure S1

a.



b.

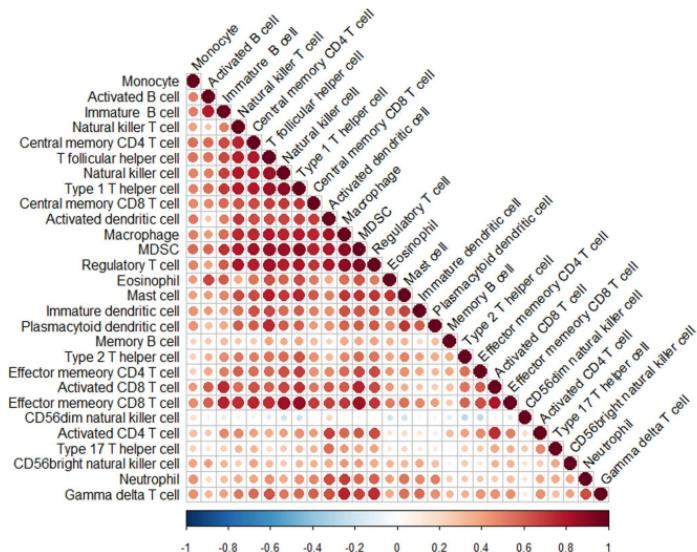
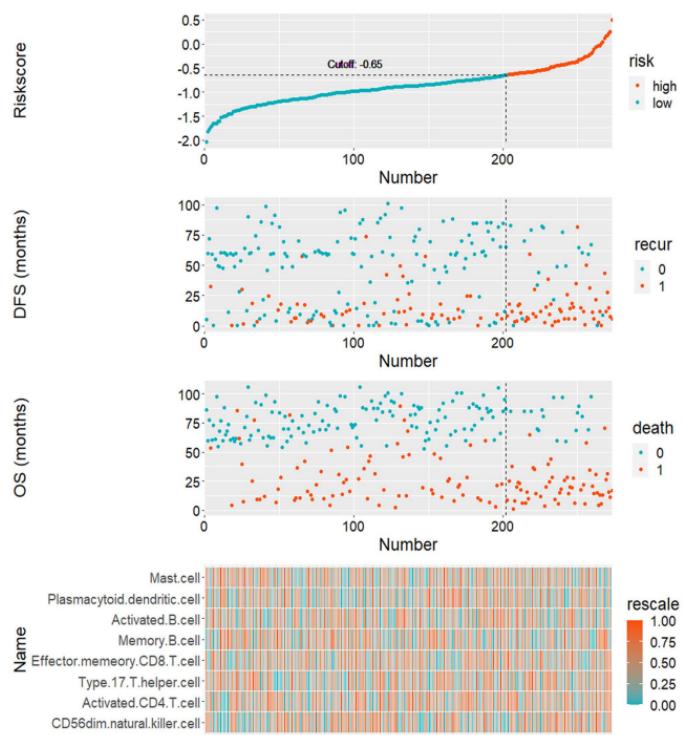


Figure S2



Figure S3

a.



b.

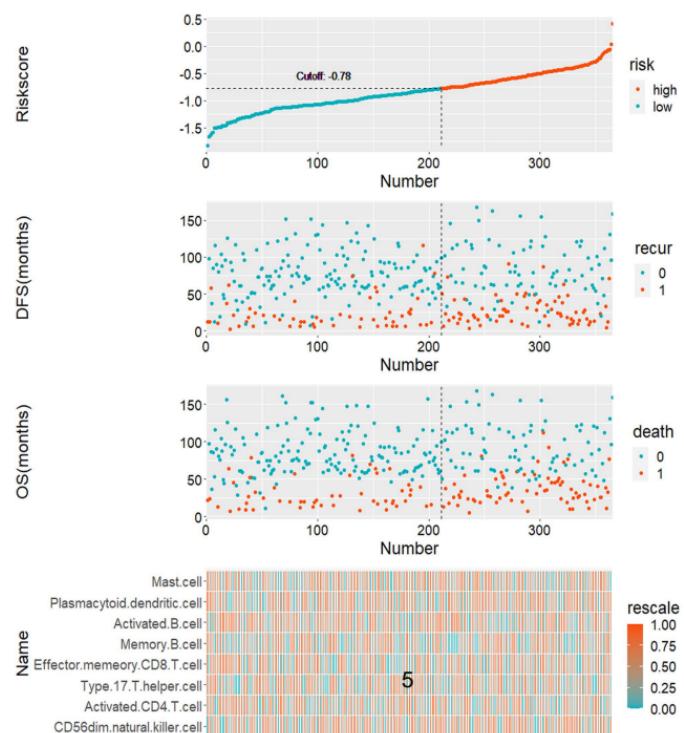
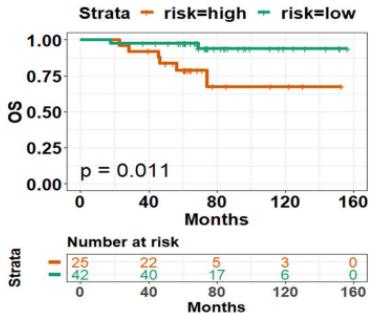
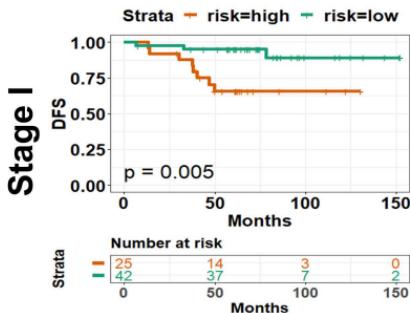
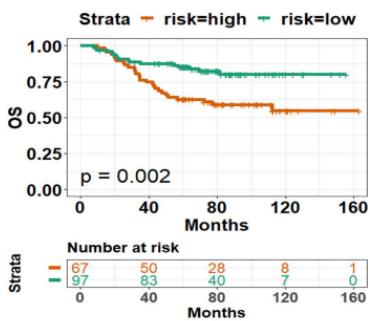
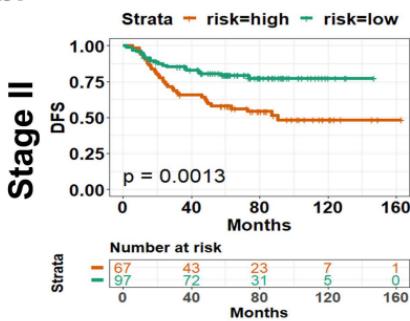


Figure S4

a.



b.



c.

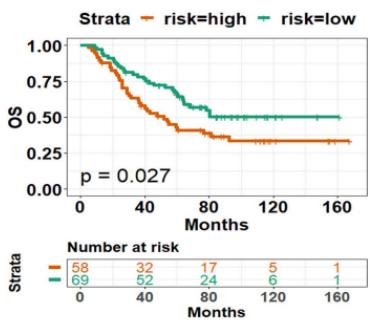
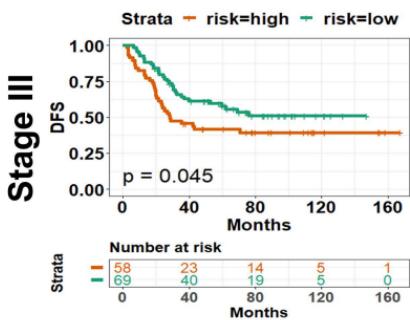
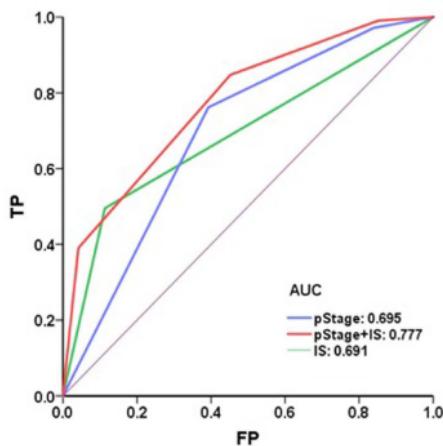
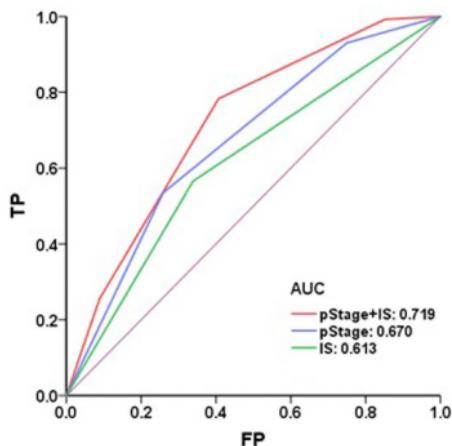


Figure S5

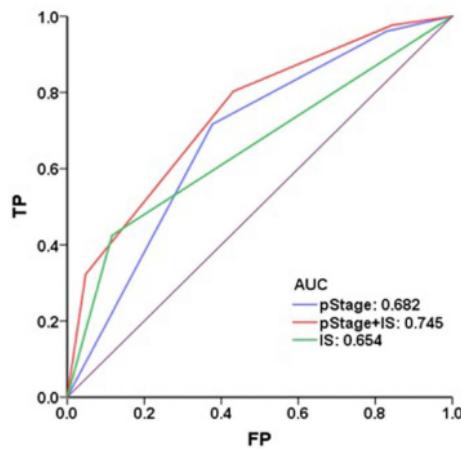
a. Training cohort:DFS



Testing cohort:DFS



b. Training cohort:OS



Testing cohort:OS

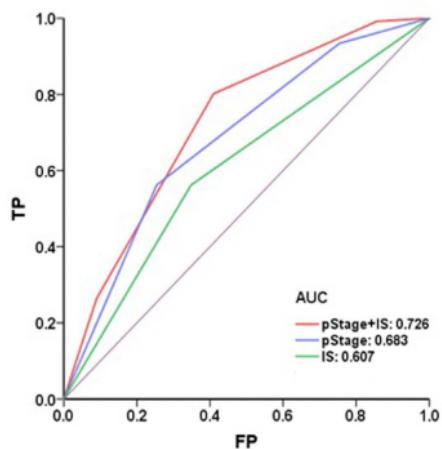
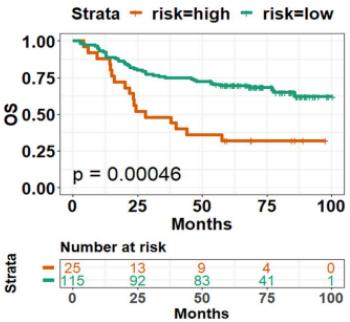
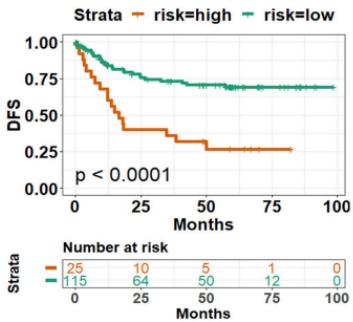


Figure S6

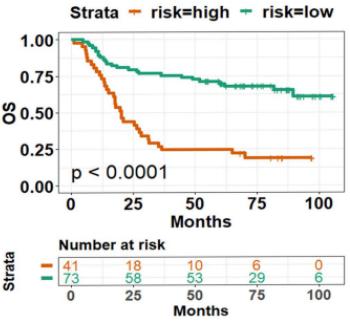
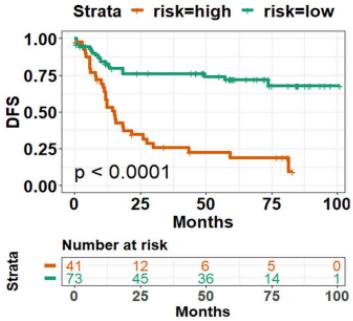
a.

Intestinal



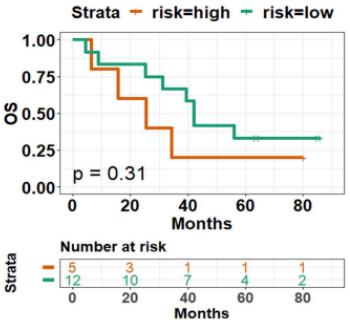
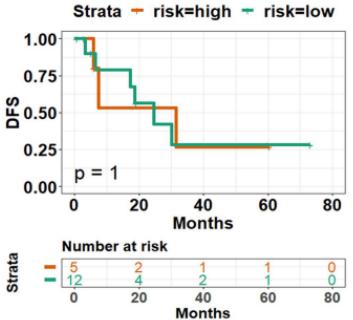
b.

Diffuse



c.

Mixed



d.

Hazard Ratio Plot (DFS)

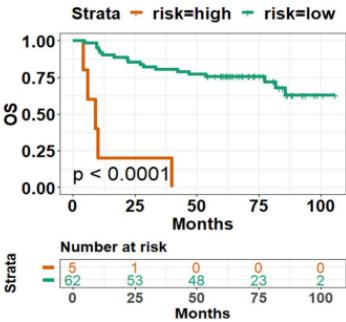
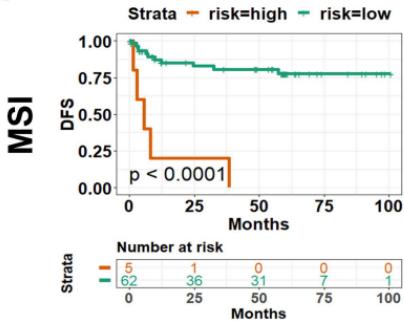
Lauren	Beta	HR	P.value
Diffuse	1.63	5.103	7.27e-07
Intestinal	1.5251	4.5958	<0.001
Mixed	-0.09117	0.91286	0.902
Total	1.4913	4.443	4.87e-10

Hazard Ratio Plot (OS)

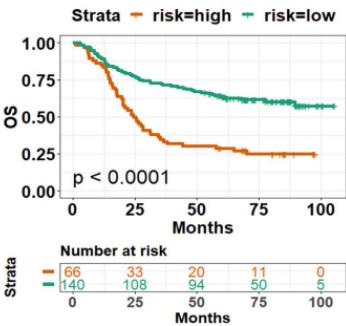
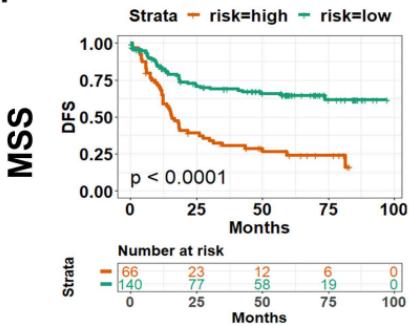
Lauren	Beta	HR	P.value
Diffuse	1.4134	4.11	2.29e-06
Intestinal	1.2175	3.379	<0.001
Mixed	0.6789	1.972	0.28
Total	1.3423	3.828	2.34e-09

Figure S7

a.



b.



c.

Hazard Ratio Plot (DFS)

Subtype	Beta	HR	P.value
MSI	2.967	19.43	0.001
MSS	1.34	3.83	1.26e-06
Total	1.49	4.44	4.87e-10

13.5 68.5 13.5 18.5 23.5

Hazard Ratio Plot (DFS)

Subtype	Beta	HR	P.value
MSI	2.48	11.94	0.00018
MSS	1.23	3.44	2.88e-06
Total	1.34	3.83	2.34e-09

1 3 5 7 9 11 14 17 20

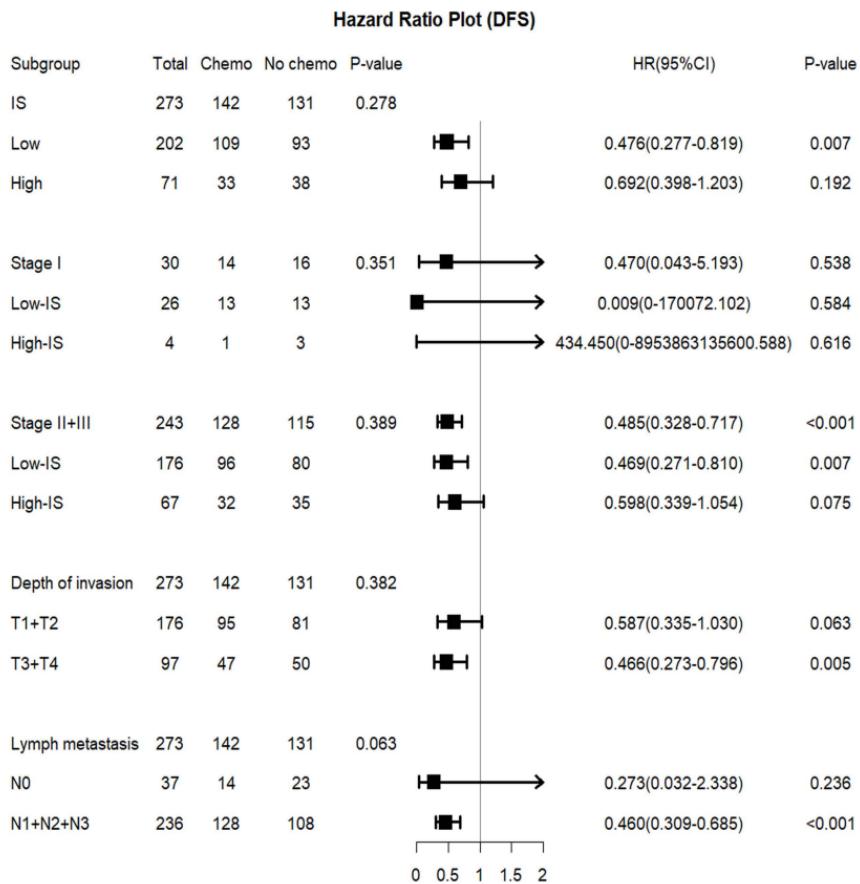
Figure S8

Figure S9

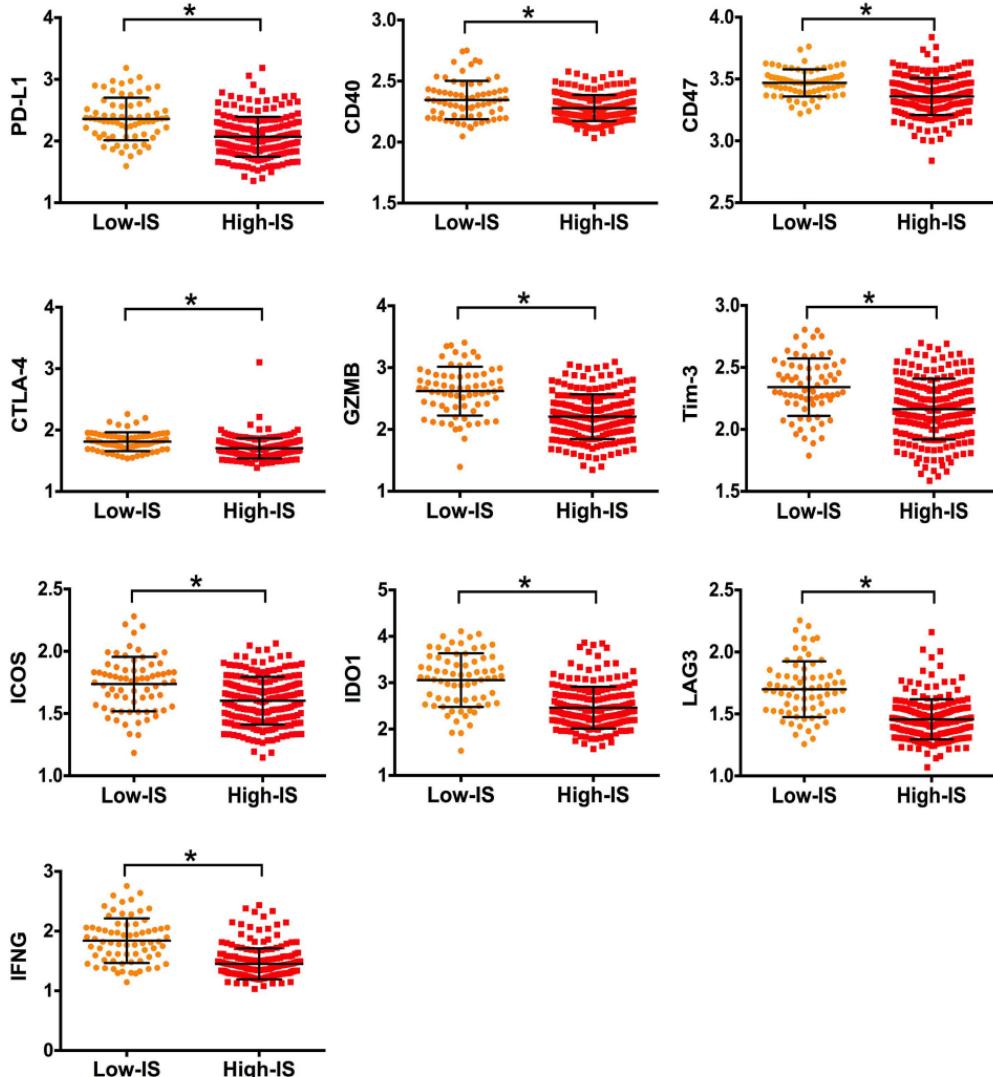


Table S1 Univariable and multivariable association of IS classifier, clinicopathological characteristics with overall survival in the training cohort.

	Univariate analysis		Multivariate analysis	
	HR(95% CI)	P value	HR(95% CI)	P value
Gender	0.992(0.822-1.198)	0.937		
Age	1.014(0.997-1.031)	0.113		
T stage(T2+T3 vs. T1+T2)	2.347(1.655-3.327)	<0.01		
N stage(N1+N2+N3 vs. N0)	2.706(1.321-5.543)	0.006		
TNM stage(III vs. I+II)	2.979(2.023-4.387)	<0.01		
Lauren type	1.432(1.008-1.885)	0.01		
Status of microsatellite (MSI vs.MSS)	1.283(1.023-1.608)	0.031		
Liver metastasis	4.195(2.742-6.418)	<0.01	2.378(1.455-3.886)	0.001
Peritoneal metastasis	4.974(3.375-7.331)	<0.01	2.251(1.449-3.499)	<0.01
Bone metastasis	4.664(3.163-6.876)	<0.01	2.585(1.644-4.064)	<0.01
Intraabdominal_LN	2.661(0.843-8.399)	0.095		
IS	1.694(1.425-2.014)	<0.01	1.296(1.042-1.614)	0.02

Abbreviation: *MSS* microsatellite stability; *MSI* microsatellite instability; *HR* hazard ratio; *LN* lymph node; *IS* immunoscore.

Table S2 Univariable and multivariable association of IS classifier, clinicopathological characteristics with disease-free survival in the testing cohort.

	Univariate analysis		Multivariate analysis	
	HR(95% CI)	P value	HR(95% CI)	P value
Gender	0.792(0.545-1.150)	0.221		
Age	0.998(0.982-1.014)	0.82		
TNM (III vs. I+II)	2.574(1.820-3.641)	<0.01	2.599(1.838-3.676)	<0.01
Lauren type	0.975(0.703-1.352)	0.879		
IS	1.926(1.181-3.142)	0.009	1.899(1.200-3.005)	0.006

Abbreviation: *HR* hazard ratio; *IS* immunoscore.

Table S3 Univariable and multivariable association of IS classifier, clinicopathological characteristics with overall survival in the testing cohort.

	Univariate analysis		Multivariate analysis	
	HR(95% CI)	P value	HR(95% CI)	P value
Gender	0.800(0.543-1.177)	0.258		
Age	1.000(0.983-1.017)	0.991		
TNM (III vs. I+II)	2.842(1.983-4.072)	<0.01	2.863(1.997-4.102)	<0.01
Lauren type	1.084(0.773-1.520)	0.64		
IS	2.026(1.224-3.353)	0.006	1.997(1.234-3.167)	0.005

Abbreviation: *HR* hazard ratio; *IS* immunoscore.