

Supple table.4a. The coefficient of p value for Log-Rank test in clinical variables on PFS

P value	Age	Gender	Histological type	Clinical stage	Smoking status	ICIs type	NLRpost	LOT	ECOG	BMI
								PS		
Clinical characteristic in two-variable model	0.640	0.076	0.368	0.013	0.091	0.283	0.000	0.001	0.001	0.260
RAD in two-variable model	0.002	0.012	0.002	0.002	0.004	0.001	0.003	0.003	0.001	0.002
Two-variable model	0.007	0.002	0.005	0.001	0.002	0.004	0.000	0.000	0.000	0.005

Supple table.4b. The coefficient of HR for Log-Rank test in clinical variables on PFS

HR	Age	Gender	Histological type	Clinical stage	Smoking status	ICIs type	NLRpost	LOT	ECOG	BMI
								PS		
Clinical characteristic in two-variable model	1.003	0.702	0.854	0.668	1.292	0.805	1.074	1.759	0.435	0.970
RAD in two-variable model	0.429	0.495	0.427	0.439	0.454	0.417	0.418	0.445	0.424	0.425

Supple table.4c. The coefficient of p value for Log-Rank test in clinical variables on OS

P value	Age	Gender	Histolog ical type	Clinical stage	Smoking status	ICIs type	NLRpos	LOT	ECO G	BMI
							t		PS	
Clinical characteristic in two-variable model	0.814	0.162	0.747	0.199	0.098	0.476	0.051	0.009	0.000	0.790
RAD in two-variable model	0.020	0.065	0.019	0.029	0.036	0.017	0.001	0.029	0.017	0.016
Two-variable model	0.064	0.026	0.058	0.060	0.017	0.051	0.001	0.002	0.000	0.052

Supple table.4d. The coefficient of HR for Log-Rank test in clinical variables on OS

HR	Age	Gender	Histological type	Clinical stage	Smoking status	ICIs type	NLRpost	LOT	ECOG	BMI
								PS		
Clinical characteristic in two-variable model	1.001	0.728	0.937	0.788	1.331	0.849	0.511	1.694	0.373	0.992
RAD in two-variable model	0.486	0.551	0.480	0.507	0.517	0.477	1.059	0.511	0.478	0.465

Supple table.4e. The univariate coefficient of HR and P value for Log-Rank test in variables on OS

	CRS	Age	Gender	Histological type	Clinical stage	Smoking status	LOT	ICIs type	NLRpost	BMI
HR	0.487	1.001	0.642	0.937	0.767	1.394	1.730	0.892	1.065	0.992
P value	0.020	0.825	0.040	0.747	0.152	0.054	0.006	0.619	0.000	0.793

Supple table.4f. The univariate coefficient of HR and P value for Log-Rank test in variables on PFS

	CRS	Age	Gender	Histological type	Clinical stage	Smoking status	ICIs type	NLRpost	LOT	BMI
HR	0.433	1.001	0.602	0.883	0.662	0.976	0.873	1.073	1.784	0.976
p value	0.002	0.786	0.008	0.475	0.011	0.363	0.499	0.000	0.001	0.363