



### Univariate Analysis Hazard Ratio Plot – RFS

Factors	beta	HR (95% CI for HR)		P value	significance
Gender	-0.047	0.954 (0.755–1.207)		0.695	
Age	-0.009	0.991 (0.982–1.001)		0.068	
CRC_location	-0.056	0.946 (0.728–1.229)		0.675	
Tstage	8.729e-04	1.001 (0.670–1.495)		0.997	
Nstage	0.313	1.368 (1.088–1.721)		0.007	**
RAS_mutation	0.248	1.282 (0.941–1.747)		0.116	
CEA	6.235e-04	1.001 (1.000–1.001)		0.083	
DFI	-0.004	0.996 (0.986–1.005)		0.364	
liver_M_distribution	0.680	1.973 (1.557–2.501)		1.890e-08	***
liver_M_number	0.062	1.064 (1.043–1.085)		6.861e-10	***
liver_M_size	0.020	1.020 (0.968–1.075)		0.458	
RR	0.514	1.672 (1.243–2.249)		6.755e-04	***
radio_ablation	0.709	2.032 (1.529–2.700)		1.009e-06	***
CRS_score	0.348	1.417 (1.265–1.586)		1.560e-09	***
CRS_group	0.610	1.840 (1.469–2.306)		1.141e-07	***
pre_chemotherapy	0.781	2.184 (1.711–2.788)		3.541e-10	***
post_chemotherapy	0.074	1.077 (0.814–1.425)		0.604	
distal_Stroma	0.110	1.116 (0.999–1.248)		0.053	
distal_Necrosis	0.172	1.188 (1.062–1.329)		0.003	**
distal_Lymphocyte	-0.098	0.907 (0.812–1.014)		0.085	
distal_Normal_hepatic	0.056	1.057 (0.946–1.181)		0.327	
distal_Mucus	0.050	1.052 (0.942–1.174)		0.372	
distal_CH_score	-0.131	0.877 (0.784–0.981)		0.022	*
distal_SDI	-0.037	0.964 (0.862–1.077)		0.513	
infiltrating_Stroma	-0.055	0.946 (0.847–1.057)		0.327	
infiltrating_Necrosis	0.080	1.084 (0.970–1.211)		0.157	
infiltrating_Lymphocyte	-0.091	0.913 (0.817–1.021)		0.109	
infiltrating_Normal_hepatic	0.084	1.087 (0.973–1.216)		0.140	
infiltrating_Mucus	-0.052	0.950 (0.850–1.061)		0.360	
infiltrating_CH_score	0.080	1.083 (0.969–1.212)		0.161	
infiltrating_SDI	0.029	1.029 (0.921–1.151)		0.609	
tumor_proximal_stroma_interaction	0.055	1.056 (0.945–1.180)		0.336	
tumor_proximal_Necrosis_interaction	-0.065	0.937 (0.838–1.048)		0.253	
tumor_proximal_Lymphocyte_interaction	0.041	1.042 (0.933–1.164)		0.464	
tumor_proximal_Normal_hepatic_interaction	0.197	1.217 (1.089–1.361)		5.581e-04	***
tumor_proximal_Mucus_interaction	0.076	1.079 (0.966–1.206)		0.179	
overall_Stroma	0.056	1.058 (0.946–1.182)		0.323	
overall_Necrosis	0.131	1.140 (1.019–1.275)		0.022	*
overall_Lymphocyte	-0.158	0.854 (0.765–0.954)		0.005	**
overall_Normal_hepatic	0.058	1.060 (0.948–1.184)		0.308	
overall_Mucus	0.061	1.063 (0.952–1.188)		0.276	
overall_CH_score	0.093	1.097 (0.982–1.225)		0.101	
overall_SDI	0.035	1.036 (0.927–1.158)		0.533	

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