## Univariate Analysis Hazard Ratio Plot – RFS

Factors	beta	HR (95% CI for HR)		P value	significance
Gender	-0.195	0.823 (0.623–1.087)	( <del>•</del> )	0.170	
Age	-0.006	0.994 (0.982–1.005)	•	0.280	
CRC_location	-0.030	0.970 (0.695–1.355)	0+0	0.860	
Tstage	-0.002	0.998 (0.648-1.537)	0-0	0.992	
Nstage	0.146	1.157 (0.884-1.516)	0-0	0.288	
RAS_mutation	0.105	1.111 (0.782-1.579)	0-0	0.556	
CEA	0.001	1.001 (1.000-1.003)	•	0.046	*
DFI	0.006	1.006 (0.988-1.025)	•	0.504	
liver_M_distribution	0.375	1.455 (1.058-2.000)	<b> -0 </b>	0.021	*
liver_M_number	0.042	1.043 (1.019-1.067)	•	3.713e-04	***
liver_M_size	-0.016	0.984 (0.924-1.048)	•	0.612	
RR	0.239	1.270 (0.916-1.760)	0-0	0.152	
radio_ablation	0.486	1.626 (1.192-2.220)	<b>1 0 0 0</b>	0.002	**
CRS_score	0.128	1.136 (0.987-1.308)	(=)	0.074	
CRS_group	0.233	1.262 (0.967–1.647)	( <del>-1</del>	0.087	
post_chemotherapy	0.079	1.082 (0.768-1.523)	0-0	0.653	
distal_Stroma	-0.127	0.880 (0.770–1.006)	<del>-</del>	0.061	
distal_Necrosis	0.085	1.089 (0.953–1.245)	•	0.209	
distal_Lymphocyte	-0.200	0.819 (0.716-0.936)	<b>M</b>	0.003	**
distal_Normal_hepatic	-0.041	0.960 (0.840–1.097)	•	0.547	
distal_Mucus	-0.066	0.937 (0.820-1.069)	•	0.333	
distal_CH_score	-0.026	0.975 (0.853-1.113)	•	0.704	
distal_SDI	-0.115	0.891 (0.781–1.018)	•	0.090	
infiltrating_Stroma	0.028	1.029 (0.901–1.175)	<b>(=0</b> )	0.677	
infiltrating_Necrosis	0.140	1.151 (1.007–1.315)	(=)	0.040	*
infiltrating_Lymphocyte	-0.029	0.972 (0.851–1.110)	<b>(4)</b>	0.672	
infiltrating_Normal_hepatic	0.195	1.216 (1.063–1.390)	<b>[0]</b>	0.004	**
infiltrating_Mucus	0.053	1.054 (0.923–1.204)	•	0.435	
infiltrating_CH_score	-0.041	0.960 (0.840-1.096)	•	0.544	
infiltrating_SDI	-0.046	0.955 (0.836-1.092)	•	0.502	
tumor_proximal_stroma_interaction	-0.070	0.932 (0.816–1.064)		0.298	
tumor_proximal_Necrosis_interaction	-0.038	0.963 (0.843–1.099)	<b>iii</b>	0.576	
tumor_proximal_Lymphocyte_interaction	-0.078	0.925 (0.810–1.056)		0.250	
tumor_proximal_Normal_hepatic_interaction	0.148	1.159 (1.014–1.325)	(m)	0.030	*
tumor_proximal_Mucus_interaction	0.065	1.067 (0.935–1.219)	•	0.335	
overall_Stroma	-0.102	0.903 (0.791–1.031)		0.130	
overall_Necrosis	0.137	1.147 (1.003–1.310)	( <b>=</b> 0	0.044	*
overall_Lymphocyte	-0.258	0.772 (0.676–0.882)		1.466e-04	***
overall_Normal_hepatic	0.043	1.043 (0.914–1.191)	en .	0.529	
overall_Mucus	-0.022	0.978 (0.857–1.117)	<b>(4)</b>	0.744	
overall_CH_score	0.048	1.049 (0.918–1.198)	•	0.482	
overall_SDI	-0.043	0.958 (0.838–1.095)		0.528	

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