Univariate Analysis Hazard Ratio Plot – RFS

Factors	beta	HR (95% CI for HR)		P value	significance
Gender	-0.055	0.95 (0.75–1.2)	-	0.64	
Age	-0.0087	0.99 (0.98–1)	•	0.065	
CRC_location	-0.12	0.89 (0.68-1.2)	I ■ I	0.39	
Tstage	0.047	1 (0.71–1.5)	—	0.81	
Nstage	0.27	1.3 (1–1.6)	——	0.019	*
RAS_mutation	0.19	1.2 (0.89–1.6)	1	0.22	
pre_chemotherapy	0.76	2.1 (1.7–2.7)	I ■ I	6.8e-10	***
CEA	0.00058	1 (1–1)	•	0.11	
DFI	-0.0022	1 (0.99–1)	•	0.64	
liver_M_location	0.73	2.1 (1.6–2.6)	├	1.1e-09	***
liver_M_number	0.063	1.1 (1–1.1)	•	7.2e-11	***
liver_M_size	0.012	1 (0.96–1.1)	• 1	0.66	
radio_ablation	0.8	2.2 (1.7-2.9)	—	1.9e−08	***
CRS_score	0.33	1.4 (1.2–1.6)	I - ←-I	1.4e-08	***
CRS_group	0.56	1.7 (1.4–2.2)	→	6.8e-07	***
post_chemotherapy	-0.019	0.98 (0.75-1.3)	—	0.89	
STR_Proportion	-0.037	0.96 (0.86-1.1)	10-1	0.5	
Entropy	0.052	1.1 (0.93–1.2)	I • I	0.41	
LYM_Proportion	-0.15	0.86 (0.78-0.96)	(0)	0.0092	**
STR_interection	-0.036	0.96 (0.85-1.1)	I+I	0.56	
LYM_interection	-0.15	0.86 (0.76-0.98)	 0 	0.021	*
Within_cluster_disp	0.055	1.1 (0.93-1.2)	l-el	0.38	
Between_cluster_disp	-0.11	0.9 (0.79-1)	101	0.083	
CH_score	0.11	1.1 (0.99–1.3)	! ● -!	0.079	
far_STR	0.12	1.1 (1–1.3)	! ● -!	0.048	*
around_STR	0.11	1.1 (0.98–1.3)	(• -1	0.092	
inside_STR	0.062	1.1 (0.94–1.2)	1-01	0.32	
far_LYM	0.045	1 (0.92–1.2)	I - I	0.48	
around_LYM	-0.13	0.88 (0.78-1)	101	0.046	*
inside_LYM	-0.1	0.9 (0.8-1)	IOI	0.095	
infiltrated_LYM	-0.11	0.89 (0.79-1)	101	0.074	
infiltrated_STR	0.13	1.1 (1–1.3)	! ● -!	0.038	*
whole_slide_LYM	-0.085	0.92 (0.81-1)	10	0.18	
whole_slide_STR	0.11	1.1 (0.98–1.3)	10−1	0.091	