

Factors	HR(Multivariate)–RFS	P value	significance
distal_Stroma	1.050	0.446	
distal_Necrosis	1.036	0.592	
distal_Lymphocyte	0.875	0.032	*
distal_Normal_hepatic	0.904	0.128	
distal_Mucus	1.052	0.429	
distal_CH_score	1.144	0.034	*
distal_SDI	0.934	0.273	
infiltrating_Stroma	0.999	0.982	
infiltrating_Necrosis	1.035	0.577	
infiltrating_Lymphocyte	1.012	0.848	
infiltrating_Normal_hepatic	1.119	0.072	
infiltrating_Mucus	1.003	0.960	
infiltrating_CH_score	0.957	0.476	
infiltrating_SDI	1.002	0.980	
tumor_proximal_stroma_interaction	1.054	0.393	
tumor_proximal_Necrosis_interaction	1.026	0.678	
tumor_proximal_Lymphocyte_interaction	0.954	0.445	
tumor_proximal_Normal_hepatic_interaction	1.000	0.997	
tumor_proximal_Mucus_interaction	1.006	0.924	
overall_Stroma	1.033	0.616	
overall_Necrosis	1.052	0.426	
overall_Lymphocyte	1.012	0.846	
overall_Normal_hepatic	0.982	0.780	
overall_Mucus	1.050	0.434	
overall_CH_score	0.998	0.980	
overall_SDI	1.027	0.668	