

Factors	HR(Multivariate)–RFS	P value	significance
distal_Stroma	0.942	0.408	
distal_Necrosis	1.016	0.824	
distal_Lymphocyte	0.899	0.128	
distal_Normal_hepatic	0.984	0.828	
distal_Mucus	0.946	0.429	
distal_CH_score	1.122	0.114	
distal_SDI	0.949	0.455	
infiltrating_Stroma	0.914	0.204	
infiltrating_Necrosis	1.018	0.799	
infiltrating_Lymphocyte	1.134	0.073	
infiltrating_Normal_hepatic	1.148	0.050	
infiltrating_Mucus	0.916	0.205	
infiltrating_CH_score	1.010	0.883	
infiltrating_SDI	0.982	0.798	
tumor_proximal_stroma_interaction	1.067	0.351	
tumor_proximal_Necrosis_interaction	1.016	0.821	
tumor_proximal_Lymphocyte_interaction	0.953	0.486	
tumor_proximal_Normal_hepatic_interaction	1.087	0.236	
tumor_proximal_Mucus_interaction	0.895	0.114	
overall_Stroma	0.895	0.118	
overall_Necrosis	1.063	0.402	
overall_Lymphocyte	1.109	0.142	
overall_Normal_hepatic	1.018	0.804	
overall_Mucus	0.966	0.625	
overall_CH_score	1.071	0.331	
overall_SDI	0.879	0.066	