

Factors	HR(Multivariate)–RFS	P value	significance
distal_Stroma	1.034	0.714	
distal_Necrosis	1.048	0.591	
distal_Lymphocyte	0.937	0.463	
distal_Normal_hepatic	1.053	0.585	
distal_Mucus	0.910	0.280	
distal_CH_score	0.925	0.381	
distal_SDI	0.845	0.061	
infiltrating_Stroma	0.856	0.090	
infiltrating_Necrosis	1.002	0.981	
infiltrating_Lymphocyte	0.970	0.731	
infiltrating_Normal_hepatic	1.179	0.082	
infiltrating_Mucus	0.905	0.265	
infiltrating_CH_score	1.078	0.407	
infiltrating_SDI	1.026	0.774	
tumor_proximal_stroma_interaction	0.875	0.152	
tumor_proximal_Necrosis_interaction	0.930	0.416	
tumor_proximal_Lymphocyte_interaction	1.025	0.782	
tumor_proximal_Normal_hepatic_interaction	1.093	0.324	
tumor_proximal_Mucus_interaction	1.080	0.383	
overall_Stroma	0.879	0.161	
overall_Necrosis	1.076	0.404	
overall_Lymphocyte	0.884	0.167	
overall_Normal_hepatic	1.103	0.289	
overall_Mucus	0.878	0.140	
overall_CH_score	1.168	0.093	
overall_SDI	1.010	0.913	