

Supplemental material

Habitat_1

Rad-score	=	0.5346534653465347	+	+0.002466	*
ADC_habitat1_original_firstorder_Median				+0.004711	*
ADC_habitat1_original_glcM_DifferenceAverage				+0.012096	*
ADC_habitat1_original_glrlm_RunEntropy				+0.016264	*
ADC_habitat1_original_glszm_ZonePercentage				-0.016026	*
T1WI_habitat1_original_glcM_MCC				+0.026693	*
T1WI_habitat1_original_glszm_LowGrayLevelZoneEmphasis				-0.013995	*
T1WI_habitat1_original_glszm_SmallAreaEmphasis				-0.047753	*
T2WI_habitat1_original_glszm_SizeZoneNonUniformity				-0.001059	*
T2WI_habitat1_original_ngtdm_Strength				-0.040232	*
T2WI_habitat1_original_shape_Maximum3DDiameter					

Habitat_2

Rad-score	=	0.5346534653465347	+	+0.003455	*
ADC_habitat2_original_gldm_SmallDependenceLowGrayLevelEmphasis				-0.000251	
* ADC_habitat2_original_glrlm_GrayLevelNonUniformity				+0.055132	*
ADC_habitat2_original_glrlm_ShortRunEmphasis				+0.029268	*
ADC_habitat2_original_glszm_ZonePercentage				-0.036839	*
T2WI_habitat2_original_glszm_SizeZoneNonUniformity				-0.042679	*

T2WI_habitat2_original_shape_Maximum3DDiameter

Habitat_3

Rad-score	=	0.5346534653465348	-0.017858	*
ADC_habitat3_original_firstorder_TotalEnergy			+0.028537	*
ADC_habitat3_original_glmc_Imc1			+0.000651	*
ADC_habitat3_original_glmc_InverseVariance			-0.005134	*
ADC_habitat3_original_glszm_SizeZoneNonUniformity			-0.000752	*
ADC_habitat3_original_glszm_ZoneVariance			-0.024819	*
T1WI_habitat3_original_glrmlm_LongRunHighGrayLevelEmphasis			-0.127622	*
T1WI_habitat3_original_glszm_GrayLevelNonUniformity			-0.034406	*
T1WI_habitat3_original_glszm_SizeZoneNonUniformityNormalized			+0.060308	*
T1WI_habitat3_original_shape_SurfaceVolumeRatio			-0.038740	*
T2WI_habitat3_original_gldm_DependenceEntropy			-0.003480	*
T2WI_habitat3_original_glszm_GrayLevelNonUniformity			-0.012685	*
T2WI_habitat3_original_glszm_SizeZoneNonUniformity			-0.031650	*
T2WI_habitat3_original_glszm_SmallAreaEmphasis			-0.111754	*
T2WI_habitat3_original_shape_Maximum3Ddiameter				

Radiomics

Rad-score	=	0.5346534653465347	+	+0.023670	*
ADC_original_glmc_DifferenceVariance				+0.120254	*

ADC_original_gldm_SmallDependenceLowGrayLevelEmphasis	-0.033791	*
ADC_original_glszm_GrayLevelNonUniformity	+0.016473	*
ADC_original_glszm_SizeZoneNonUniformityNormalized	+0.008790	*
ADC_original_ngtdm_Strength	+0.019509	*
T1WI_original_glszm_GrayLevelNonUniformityNormalized	-0.000261	*
T2WI_original_gldm_DependenceVariance	-0.000373	*
T2WI_original_glrlm_RunEntropy	-0.002473	*
T2WI_original_shape_VoxelVolume		

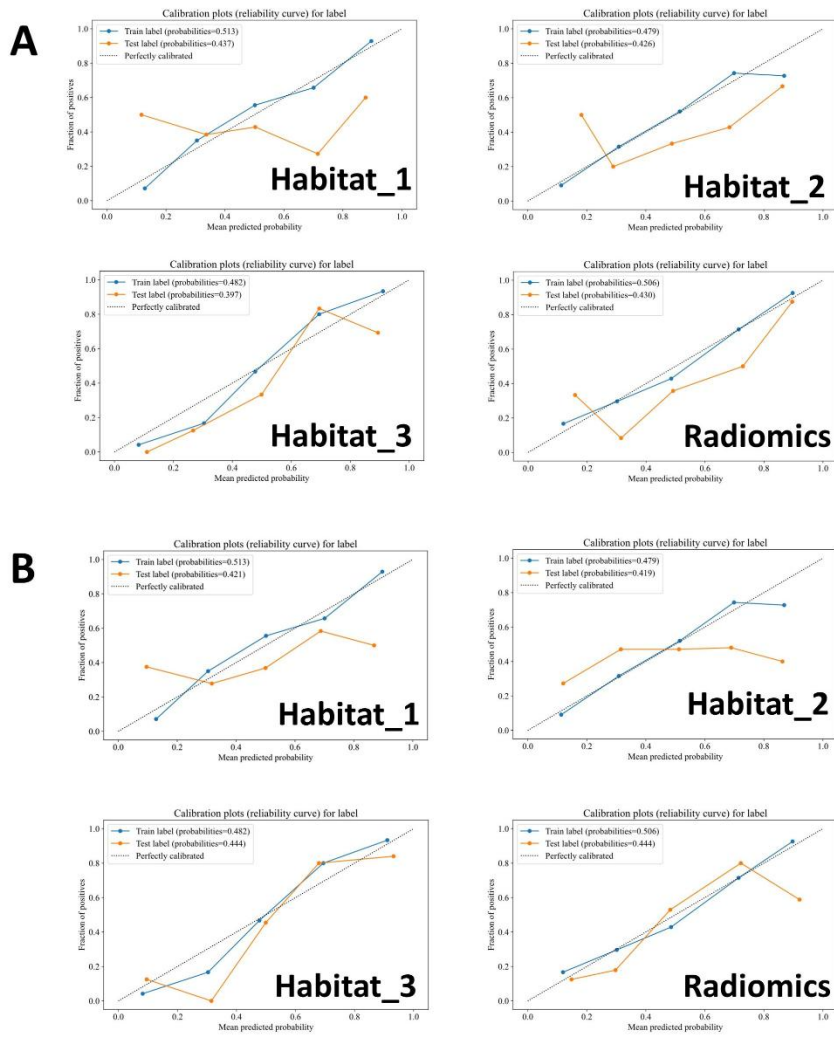


Figure S1. The calibration curves for all habitat models in Test (A) and Validation (B) cohorts.