

Supplemental Table S7. Test Results of Five-Fold Validation (Data: Total Images; Back-Bone Algorithm: ResNet50)

Fold	Accuracy	Specificity	Sensitivity	F1 score	AUC
1	0.824	0.919	0.597	0.667	0.868
2	0.838	0.884	0.734	0.734	0.874
3	0.848	0.921	0.655	0.704	0.848
4	0.842	0.890	0.709	0.703	0.813
5	0.770	0.873	0.552	0.607	0.775
Mean	0.824	0.897	0.650	0.683	0.836
SD	0.032	0.022	0.076	0.050	0.041

AUC, area under the curve; SD, standard deviation.

Supplemental Table S10. Test Results of Five-Fold Validation (Data: Low-Resolution Subset; Back-Bone Algorithm: ResNet50)

Fold	Accuracy	Specificity	Sensitivity	F1 score	AUC
1	0.752	0.987	0.138	0.235	0.603
2	0.781	0.974	0.276	0.410	0.707
3	0.800	0.947	0.414	0.533	0.697
4	0.800	0.779	0.857	0.696	0.833
5	0.750	0.944	0.313	0.435	0.749
Mean	0.777	0.926	0.399	0.462	0.718
SD	0.025	0.084	0.274	0.169	0.084

AUC, area under the curve; SD, standard deviation.

Supplemental Table S8. Test Results of Five-Fold Validation (Data: Total Images; Back-Bone Algorithm: DenseNet201)

Fold	Accuracy	Specificity	Sensitivity	F1 score	AUC
1	0.819	0.926	0.565	0.648	0.840
2	0.848	0.918	0.688	0.733	0.855
3	0.829	0.882	0.690	0.670	0.912
4	0.837	0.929	0.582	0.653	0.872
5	0.837	0.951	0.597	0.702	0.867
Mean	0.834	0.921	0.624	0.685	0.869
SD	0.011	0.025	0.060	0.035	0.027

AUC, area under the curve; SD, standard deviation.

Supplemental Table S11. Test Results of Five-Fold Validation (Data: Low-Resolution Subset; Back-Bone Algorithm: DenseNet201)

Fold	Accuracy	Specificity	Sensitivity	F1 score	AUC
1	0.752	0.908	0.345	0.435	0.586
2	0.810	0.974	0.379	0.524	0.799
3	0.838	0.868	0.759	0.721	0.872
4	0.829	0.948	0.500	0.609	0.789
5	0.808	0.931	0.531	0.630	0.801
Mean	0.807	0.926	0.503	0.584	0.769
SD	0.033	0.040	0.163	0.109	0.108

AUC, area under the curve; SD, standard deviation.

Supplemental Table S9. Test Results of Five-Fold Validation (Data: Total Images; Back-Bone Algorithm: EfficientNet2v_s)

Fold	Accuracy	Specificity	Sensitivity	F1 score	AUC
1	0.819	0.892	0.645	0.678	0.847
2	0.786	0.938	0.438	0.555	0.818
3	0.843	0.934	0.603	0.680	0.856
4	0.852	0.916	0.673	0.705	0.841
5	0.775	0.873	0.567	0.618	0.775
Mean	0.815	0.911	0.585	0.647	0.827
SD	0.034	0.028	0.092	0.061	0.033

AUC, area under the curve; SD, standard deviation.

Supplemental Table S12. Test Results of Five-Fold Validation (Data: Low-Resolution Subset; Back-Bone Algorithm: EfficientNet2v_s)

Fold	Accuracy	Specificity	Sensitivity	F1 score	AUC
1	0.743	0.961	0.172	0.270	0.521
2	0.781	0.908	0.448	0.531	0.749
3	0.790	0.987	0.276	0.421	0.752
4	0.848	0.909	0.679	0.704	0.852
5	0.817	0.958	0.500	0.627	0.827
Mean	0.796	0.945	0.415	0.511	0.740
SD	0.039	0.035	0.198	0.171	0.131

AUC, area under the curve; SD, standard deviation.