

Model	Best Accuracy	Least Loss	Batch Size	Epochs (ES)	Image Size	Dataset	Kappa Score
Xception + GlobalAvgPool	80.01%	0.523	32	15	128x128x3	Aptos	
Xception + GlobalMaxPool	82.91%	0.446	32	18	128x128x3	Aptos	
Xception + GlobalAvgPool	53.51%	0.763	32	12	128x128x3	Aptos + DR	
Xception + GlobalAvgPool	47.62%	1.1572	32	9	128x128x3	DR	
Xception + GlobalMaxPool	47.90%	0.959	32	9	128x128x3	DR	
ResNet50 + GlobalAvgPool	72.17%	0.82	32	8	128x128x3	Aptos	
VGG16 + GlobalAvgPool	74.66%	0.671	32	14	128x128x3	Aptos	
EfficientNetB2 + GlobalMaxPool	66.53%	0.8651	32	8	128x128x3	Aptos	
EfficientNetB4 + GlobalMaxPool	57.15%	1.054	32	6	128x128x3	Aptos	
EfficientNetB4 + GlobalMaxPool	68.98%	0.912	32	6	256x256x3	Aptos	
One-Shot	55.00%	1.247	32	42	128x128x3	Aptos	
CNN (Randomized Model)	74.93%	1.321	32	10	128x128x3	Aptos	
CNN (7 Layers Model)	73.51%	0.772	32	26	256x256x3	Aptos	
Xception + OneShot	50.00%	0.4997	32	64	128x128x3	Aptos	
Xception + XGBoost	73.29%				128x128x3	Aptos	
Logistic Regression	71.52%				128x128x3	Aptos	
XGBoost	73.13%				128x128x3	Aptos	
Xception + GlobalMaxPool + K-Fold	59.34%	0.03	32	4 x 8	256x256x3	Aptos	95.84%
Xception + GlobalAvgPool + K-Fold	59.13%	0.08	32	4 x 8	256x256x3	Aptos	98.01%
InceptionResNetV2 + GlobalMaxPool + K-Fold	59.02%	0.073	32	4 x 8	256x256x3	Aptos	94.90%
CNN	56.33%	0.0237	32	8 x 8	128x128x3	DR-PreTrain + Aptos-Train	84.01%
Xception + GlobalMaxPool + K-Fold	59.28%	0.312	32	4 x 8	128x128x3	DR-PreTrain + Aptos-Train	94.21%
Logistic Regression + Cross Validation	71.54%				128x128x3	Aptos	