

Performance comparison on DRIVE dataset

Study	Method	Accuracy
Kumar, Gaurav, et al [13], 2021	DRISTI (Diabetic Retinopathy classification by analysing retinal Images)	0.8250
Bhimavarapu Usharani [19], 2022	SqueezeNet	0.8607
Leopold et al [18], 2019	Pixel CNN with Batch Normalization	0.9106
Guo, Yanhui, et al [17], 2018	Convolution Neural Network with Reinforcement Sample Learning Strategy	0.9199
Bhimavarapu Usharani [19], 2022	ResNet-50	0.9244
Bhimavarapu Usharani [19], 2022	VGG-19	0.9245
Chen, Ping-Nan, et al [12], 2021	NASNet-Large deep CNN	0.9250
Shin, Seung Yeon, et al [16], 2019	Vessel graph network (VGN)	0.9271
Debapriya Maji et al. [11], 2021	Deep neural network (DNN) and stacked ne-noising auto-encoder-based hybrid architecture	0.9327
Deshmukh, Swapnil V., et al [14], 2023	U-Net	0.9386
Bhimavarapu Usharani [19], 2022	GoogleNet	0.9388
(Proposed model)	Mobilenet	0.8000
(Proposed model)	CNN	0.9499
(Proposed model)	Resnet	0.9499