Radiogenomic classification of glioblastoma using multimodal 3D MRI

2D cropped-mask cascaded results

EfficientNet B3, EfficientNet B7 and ResNet32 were used for the pre-determined slice version with slice = 70 used as the unanimous slice number. The performances are summarized below:

2D slice cascaded model			
Model	AUC	Accuracy	Precision
EfficientNet B3	0.6250	0.47	0.47
EfficientNet B7	0.4783	0.47	0.48
ResNet34	0.6342	0.57	0.53

Table 5.7: Results of 2D cascaded model