

Sheet1

m=mode / method for discriminator loss

KDD99 dataset GitHub code implementation

m=fm

nb_epochs	Precision	Recall	F1 Score
1	0.19	0.48	0.27
3	0.2	0.5	0.3
5	0.8114	0.8243	0.8178

m=cross-entropy

nb_epochs	Precision	Recall	F1 Score
1	0.1936	0.4837	0.2765
3	0.2	0.52	0.2986
5	0.63	0.834	0.7191
7	0.894	0.9084	0.9012
10	0.914	0.929	0.9218

CICIDS_2017 implemented through the modified code

m=fm

nb_epochs	Precision	Recall	F1 Score	Accuracy
1	0.8602	0.96	0.91	0.8484
3	0.8391	0.944	0.8885	0.81044
5	0.8633	0.9712	0.9141	0.8539

m=cross-entropy

nb_epochs	Precision	Recall	F1 Score	Accuracy
1	0.608	0.9114	0.7294	0.59402
3	0.8327	0.9368	0.8817	0.7988
5	0.8525	0.9591	0.9027	0.8345