

Reverse Light Off Attack

Model	Sample Size	F1 Score	FN	Attack	Epsilon	F1 Score (Adv)	FN (Adv)	ASR (FN)
DNN	10605	0.0%	10605	FGSM	1	0.0%	6387	100.0%
DNN	10605	0.0%	10605	FGSM	5	0.0%	6387	100.0%
DT	10605	72.4%	4590	FGSM	1	25.8%	5442	85.2%
DT	10605	72.4%	4590	FGSM	5	25.8%	5442	85.2%
RF	10605	71.9%	4647	FGSM	1	24.3%	5502	86.1%
RF	10605	71.9%	4647	FGSM	5	24.3%	5502	86.1%
ET	10605	72.4%	4590	FGSM	1	25.9%	5436	85.1%
ET	10605	72.4%	4590	FGSM	5	25.8%	5442	85.2%
XGBoost	10605	72.4%	4593	FGSM	1	25.8%	5442	85.2%
XGBoost	10605	72.4%	4593	FGSM	5	25.8%	5442	85.2%
DNN	10605	0.0%	10605	BIM	1	0.0%	6387	100.0%
DNN	10605	0.0%	10605	BIM	5	0.0%	6387	100.0%
DT	10605	72.4%	4590	BIM	1	25.8%	5442	85.2%
DT	10605	72.4%	4590	BIM	5	25.8%	5442	85.2%
RF	10605	71.9%	4647	BIM	1	24.6%	5490	86.0%
RF	10605	71.9%	4647	BIM	5	24.6%	5490	86.0%
ET	10605	72.4%	4590	BIM	1	25.9%	5436	85.1%
ET	10605	72.4%	4590	BIM	5	25.9%	5436	85.1%
XGBoost	10605	72.4%	4593	BIM	1	52.6%	4110	64.3%
XGBoost	10605	72.4%	4593	BIM	5	51.8%	4155	65.1%
DNN	10605	0.0%	10605	PGD	1	0.0%	6387	100.0%
DNN	10605	0.0%	10605	PGD	5	0.0%	6387	100.0%
DT	10605	72.4%	4590	PGD	1	11.0%	6014	94.2%
DT	10605	72.4%	4590	PGD	5	7.4%	6141	96.1%
RF	10605	71.9%	4647	PGD	1	3.0%	6289	98.5%
RF	10605	71.9%	4647	PGD	5	0.2%	6381	99.9%
ET	10605	72.4%	4590	PGD	1	1.6%	6335	99.2%
ET	10605	72.4%	4590	PGD	5	0.6%	6368	99.7%
XGBoost	10605	72.4%	4593	PGD	1	7.7%	6131	96.0%
XGBoost	10605	72.4%	4593	PGD	5	0.5%	6372	99.8%