

# 实验结果

	PRECISION	RECALL	F1
baseline	0.9076	0.9071	0.9071
PGD	0.9116	0.9111	0.9111
free	0.9003	0.9001	0.9000
FGSM	0.9062	0.9056	0.9056

epsilon 都取 0.01。

<https://github.com/zpyzl/adversarial>

## PGD

Precision, Recall and F1-Score...				
	precision	recall	f1-score	support
finance	0.9236	0.8820	0.9023	1000
realty	0.9231	0.9360	0.9295	1000
stocks	0.8654	0.8490	0.8571	1000
education	0.9453	0.9500	0.9476	1000
science	0.8693	0.8780	0.8736	1000
society	0.8752	0.9260	0.8999	1000
politics	0.8873	0.9050	0.8960	1000
sports	0.9539	0.9520	0.9530	1000
game	0.9571	0.8920	0.9234	1000
entertainment	0.9163	0.9410	0.9285	1000
accuracy			0.9111	10000
macro avg	0.9116	0.9111	0.9111	10000
weighted avg	0.9116	0.9111	0.9111	10000

# Free

Precision, Recall and F1-Score...				
	precision	recall	f1-score	support
finance	0.9115	0.8860	0.8986	1000
realty	0.9028	0.9290	0.9157	1000
stocks	0.8350	0.8400	0.8375	1000
education	0.9481	0.9500	0.9491	1000
science	0.8746	0.8370	0.8554	1000
society	0.8991	0.8910	0.8950	1000
politics	0.8574	0.8960	0.8763	1000
sports	0.9328	0.9580	0.9452	1000
game	0.9067	0.9130	0.9098	1000
entertainment	0.9346	0.9010	0.9175	1000
accuracy			0.9001	10000
macro avg	0.9003	0.9001	0.9000	10000
weighted avg	0.9003	0.9001	0.9000	10000

# FGSM

Precision, Recall and F1-Score...				
	precision	recall	f1-score	support
finance	0.9177	0.9030	0.9103	1000
realty	0.9242	0.9270	0.9256	1000
stocks	0.8830	0.8380	0.8599	1000
education	0.9465	0.9550	0.9507	1000
science	0.8175	0.8780	0.8467	1000
society	0.8945	0.9070	0.9007	1000
politics	0.9023	0.8680	0.8848	1000
sports	0.9377	0.9630	0.9502	1000
game	0.9338	0.8880	0.9103	1000
entertainment	0.9046	0.9290	0.9166	1000
accuracy			0.9056	10000
macro avg	0.9062	0.9056	0.9056	10000
weighted avg	0.9062	0.9056	0.9056	10000