

J SUPPLEMENTARY RESULTS

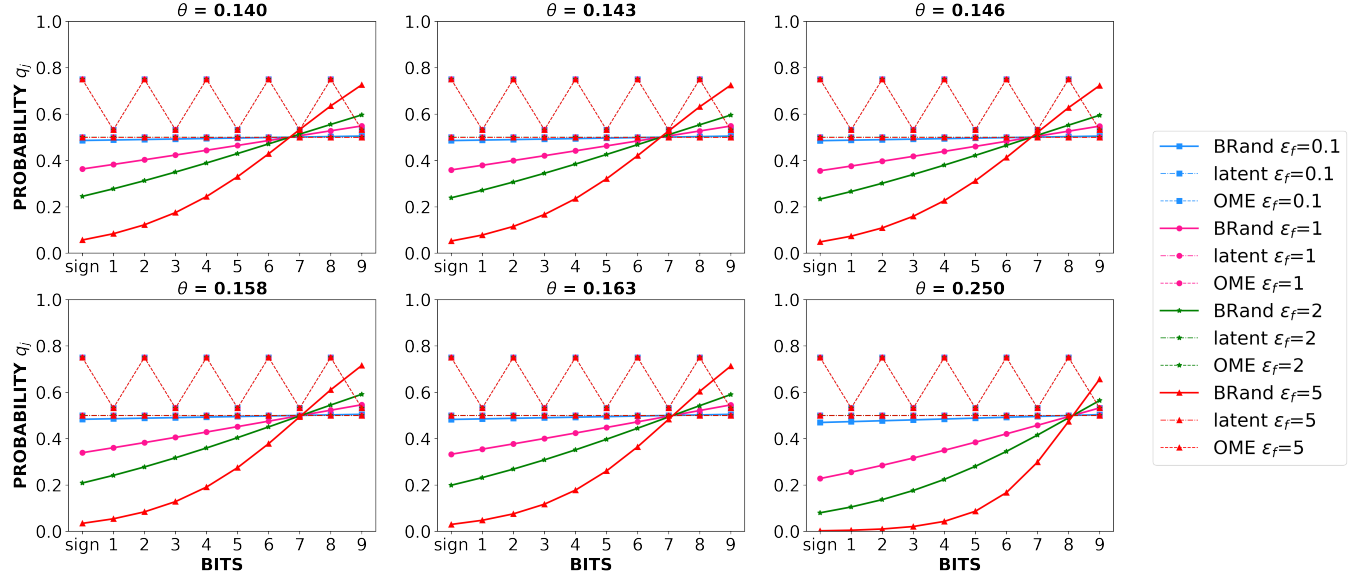


Figure 11: Randomization probability of different bits belong to different feature with different θ corresponding to the ϵ_f .

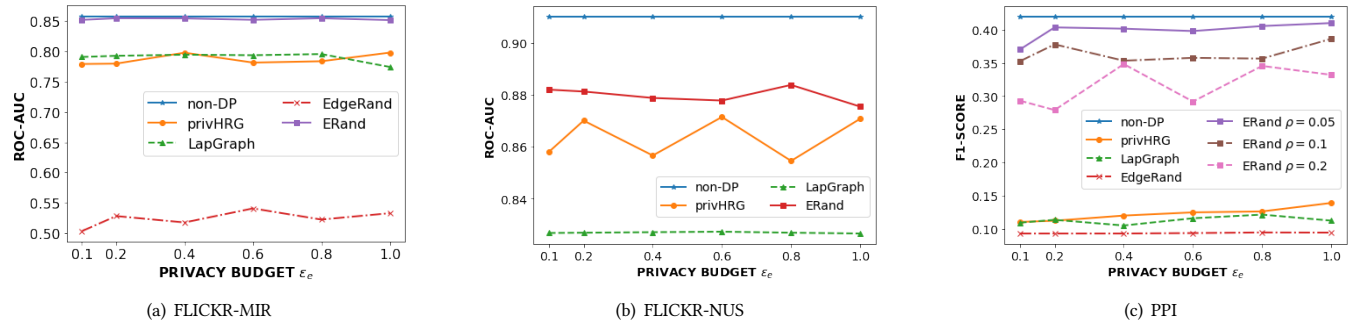


Figure 12: Model performance of the edge-level protection.



(a) FLICKR-MIR (ROC-AUC)

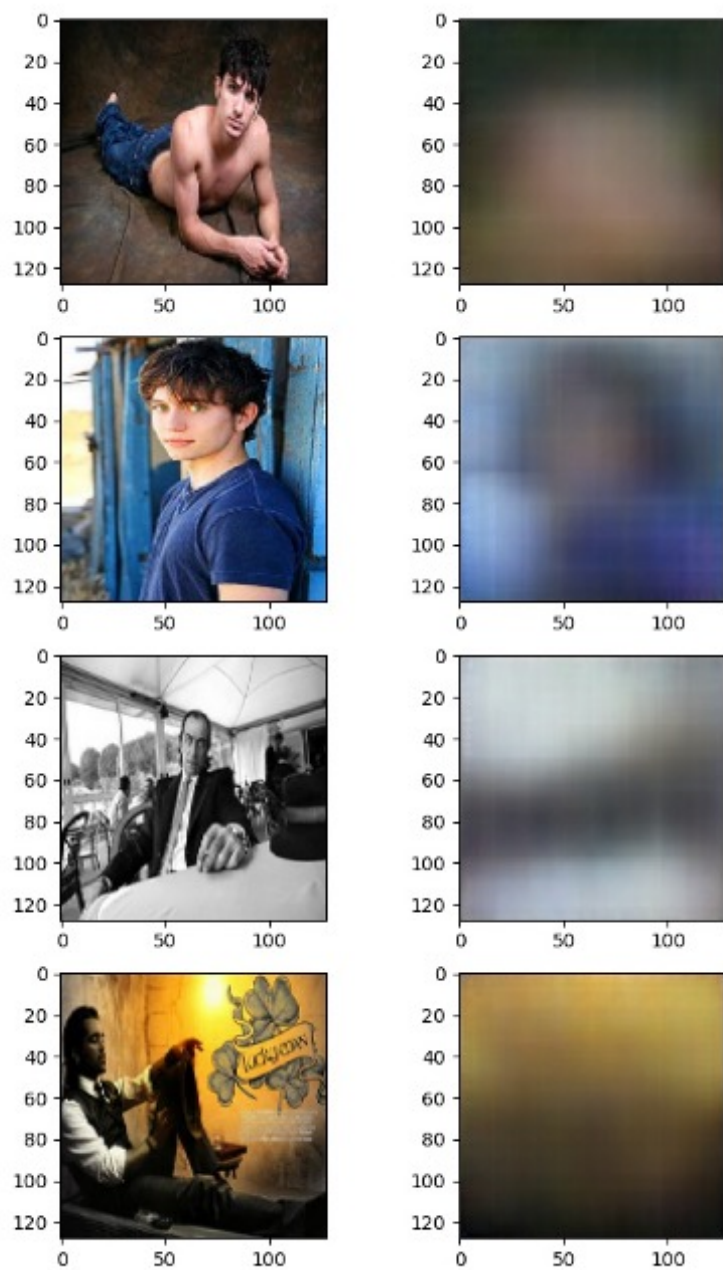


(b) FLICKR-NUS (ROC-AUC)

Figure 13: Model performance of the combination between feature-level and edge-level protection of the FLICKR-MIR and FLICKR-NUS datasets.

(a) PPI with $\rho = 0.05$ (F1-SCORE)(b) PPI with $\rho = 0.1$ (F1-SCORE)(c) PPI with $\rho = 0.2$ (F1-SCORE)

Figure 14: Additional results of model performance of the combination of feature-level and edge-level protection for the PPI dataset.



(a) Original Images

(b) Reconstructed Images from embedding features

Figure 15: Examples of image reconstruction attack.