images

Generated images

(a) Probability support estimation via KDE and bootstrap

(b) Confidence band estimation

(c) TopP and TopR evaluation

(a) 
$$\hat{p}_h$$
 Kernel Density Estimator for features

Bootstrap Sampling

 $\hat{p}_h^{(1)}$ 
 $\hat{p}_h^{(2)}$ 
 $\hat{p}_h^{(2)}$ 

 $c_{\alpha}$ 

 $c_{\alpha}$ 

Death

signal

Real

 $heta_k = \left\| \hat{p}_h - \hat{p}_h^{(k)} \right\|$ 

(c) Given 
$$\widehat{supp}(P)$$
 for real features  $\mathcal{X}$  and  $\widehat{supp}(Q)$  for generated features  $\mathcal{Y}$ , 
$$\overline{\sum_{j=1}^{m} 1(Y_j \in \widehat{supp}(Q))}$$

$$\overline{\sum_{j=1}^{m} 1(Y_j \in \widehat{supp}(Q))}$$

$$\overline{\sum_{i=1}^{n} 1(X_i \in \widehat{supp}(Q) \cap \widehat{supp}(P))}$$

$$\overline{\sum_{i=1}^{n} 1(X_i \in \widehat{supp}(Q))}$$