LASER indicates that SO头部斜值已经可以做出错过模 ②指尾鹟实际会结出一些相似词(noise)

values. Therefore, the coherent parts of neurons can be well approximated by the low-rank matrix computed by singular value thresholding.

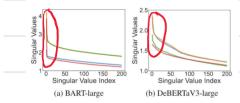


Figure 3. Singular values in language models. (a) Singular values of weight matrices of the 10th decoder layer in BART-large; (b) Singular values of weight matrices of the 14th encoder layer in DeBERTaV3-large.

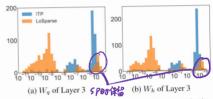


Figure 4. Neuron importance scores of selected linear projections when compressing DeBERTaV3-base on SST-2 with ITP (blue) and LoSparse (orange). It shows LoSparse successfully separates incoherent parts of neurons and make it easy to prune the non-expressive components.

Lo Sparse:头部等异值(coherent parts)使用SVD保留,拖尾部用结构化剪枝(SP)

Topic:coherent part 在LM中有什么作用

Hypo: 解抗 global pattern, houtput feature这一个ground,由推尾部分进彩微调

Prove: compare activate feature map consherent parts
分布呈有明显正别 (Such erent parts)
+ tail

Further explore: \$\forall \text{SUD\hat{h}}\text{h}\text{h}\text{LorA}\text{Fixing} \text{Fixing}

FwsuD, \$\forall \text{h}\text{h}\text{h}\text{LorA}\text{5}\text{cherent part 65\text{5}\text{4}}

\Text{PRFT\hat{h}\text{f}\text{work}