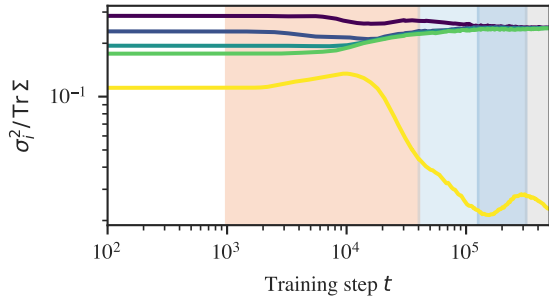
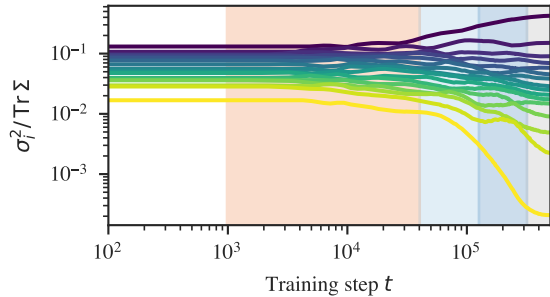


(a) Singular Values of Token Embedding



(b) Singular Values of Positional Encoding



(c) Cossim between  $W_{\text{embed}}$  and  $W_{\text{postn}}$

