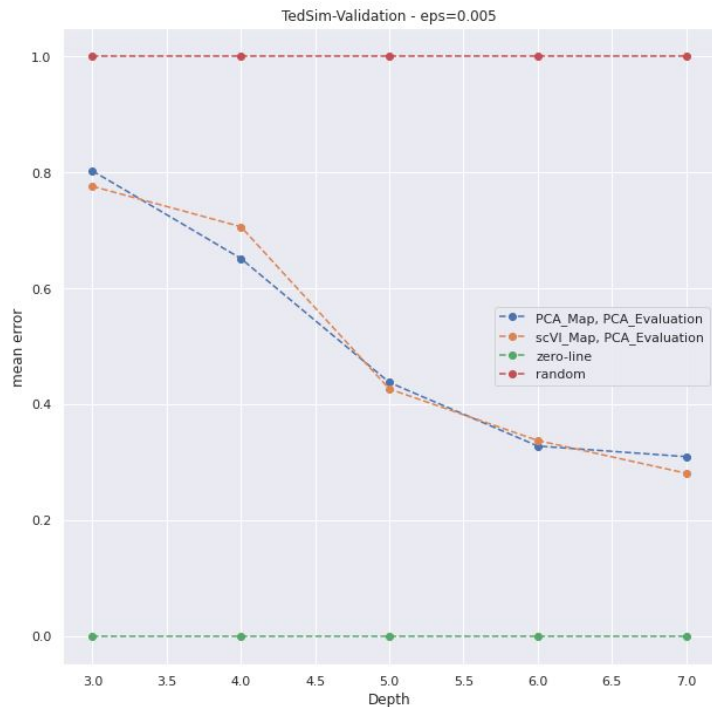
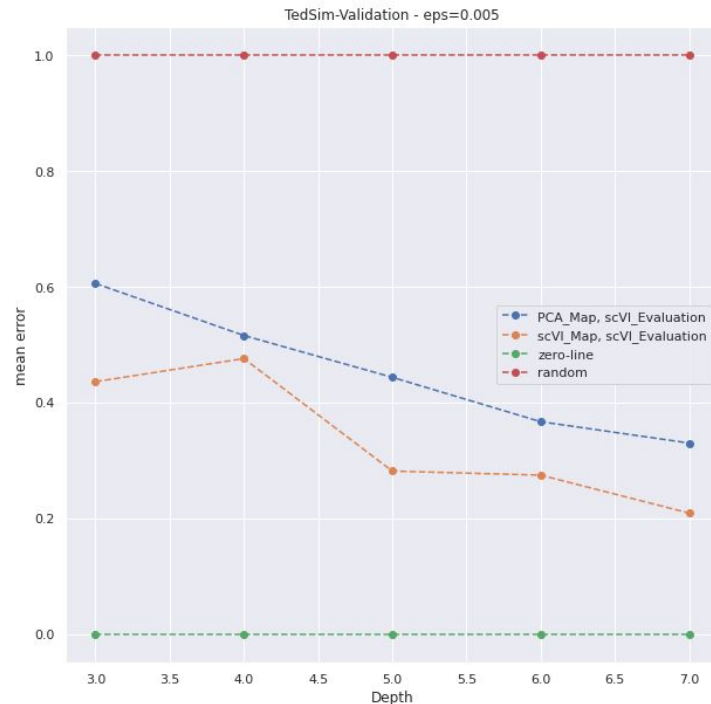


Why to choose scVI over PCA

PCA map (=map calculated based on cost matrix in PCA space) performs similarly well to the scVI map if evaluated in PCA space, but performs much worse if evaluated in scVI latent space.



Evaluation in (30-dim.) PCA space
(i.e. mean error is calculated using PCA-cost matrix)



Evaluation in scVI latent space