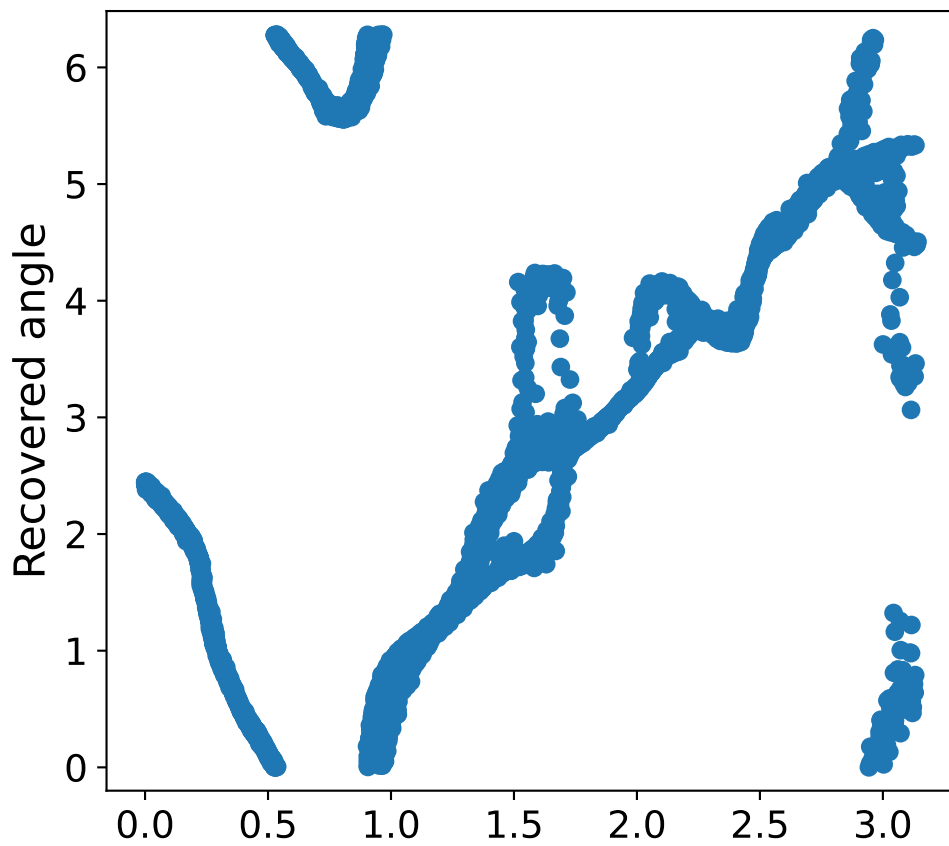
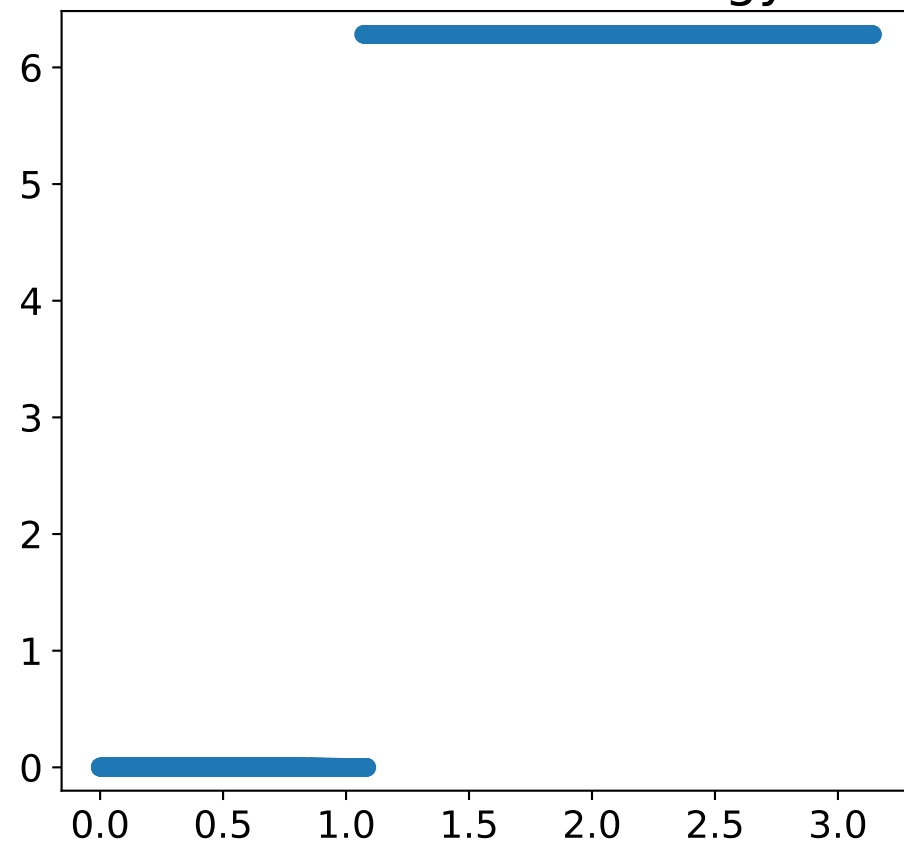
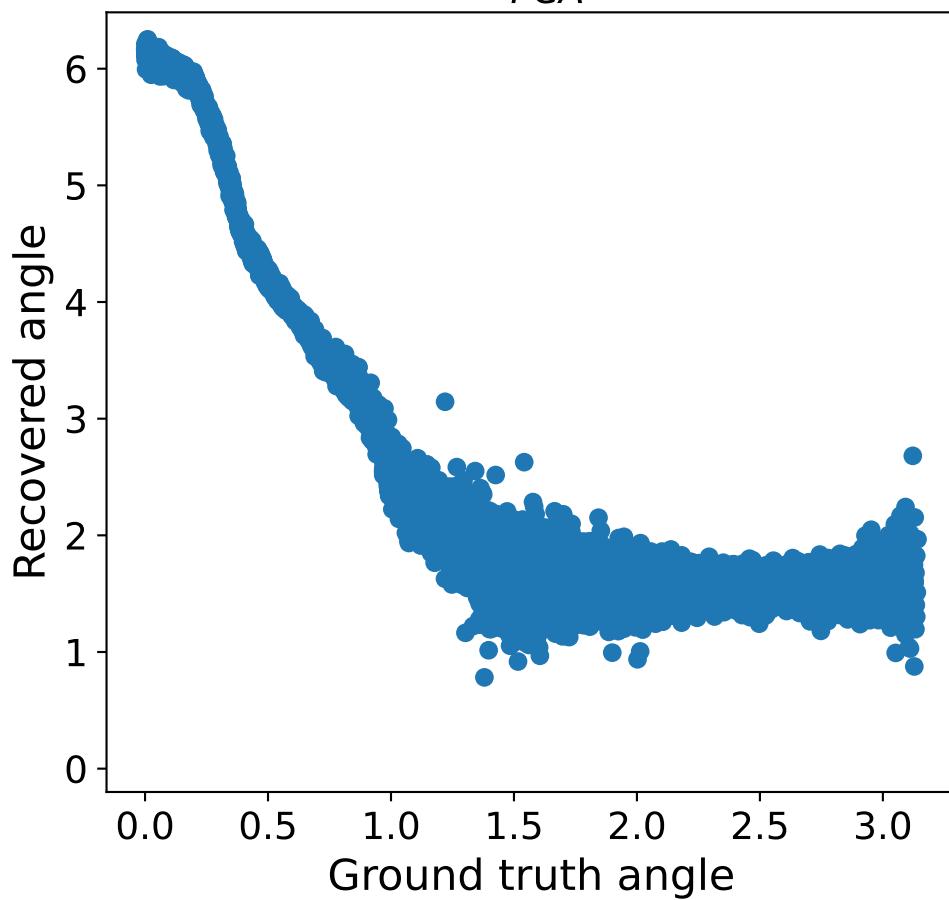


MDS



Persistent cohomology

 α_{PCA}  α_{random} 