

	D <sub>glob</sub>	KL <sub>0,001</sub>	KL <sub>0,01</sub>	KL <sub>0,1</sub>	KL <sub>1</sub>	KL <sub>10</sub>	$\ell$ -Cont	$\ell$ -MRRE	$\ell$ -Nbhd	CorrRank	$\ell$ -Trust	Data MSE	$\ell$ -RMSE	Stress
Vanilla	0.28570	0.64246	0.53999	0.07064	0.00150	0.000017	0.95559	0.03068	0.63656	0.23446	0.96902	0.09926	14.44340	0.697
TopoReg	0.25618	0.12325	0.38495	0.05588	0.00108	<b>0.000012</b>	<b>0.97866</b>	<b>0.02263</b>	0.62131	0.24880	0.97044	<b>0.09915</b>	20.48814	6.9233
GeomAE (proposed)	<b>0.22600</b>	0.16194	<b>0.34369</b>	<b>0.04282</b>	<b>0.00103</b>	0.000012	0.96658	0.02593	0.59525	0.26291	<b>0.97476</b>	0.10042	18.49366	3.6622
PCA	<b>0.24710</b>	0.22584	<b>0.35598</b>	<b>0.05203</b>	<b>0.00069</b>	<b>0.000007</b>	0.96776	0.05745	0.79233	0.20753	0.91679	0.18439	<b>9.05119</b>	<b>0.5677</b>
TSNE	0.27868	<b>0.03007</b>	0.43302	0.06387	0.00182	0.000021	0.96266	<b>0.02177</b>	<b>0.55662</b>	<b>0.32447</b>	0.97105	NaN	34.51271	<b>0.62447</b>
UMAP	0.33035	<b>0.05781</b>	0.41685	0.09617	0.00280	0.000032	<b>0.96936</b>	0.02379	0.58136	<b>0.31499</b>	0.97176	0.11649	14.19208	1.3555
ParametricUMAP	0.32558	0.05942	0.44351	0.08590	0.00347	0.000042	0.96736	0.02426	<b>0.56327</b>	0.31460	<b>0.97416</b>	<b>0.09706</b>	<b>10.88168</b>	0.6255