('Dataset', '') Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	('Type', '') dino dino dino dino dino dino dino dino	('Calculation', '') Isomap_1 Isomap_12 Isomap_16 Isomap_2 Isomap_3 Isomap_32 Isomap_4	('KeyMetricValue1', 'all') 0.675 0.9375 0.925 0.825 0.8625 0.9375 0.85	('KeyMetricValue1', 'gaussian_noise_aug')	('KeyMetricValue1', 'rotation_aug')  0.6375 0.925 0.9375 0.85 0.875 0.925 0.925 0.85	('KeyMetricValue1', 'translation_a 0.6625 0.9 0.9375 0.7875 0.875 0.925 0.875	ug') ('KeyMetricValue2', 'all') (' 1.9804033279418944 2.6210987091064455 2.7087839126586912 3.526629662513733 0.7143394231796265 1.6286590576171875 4.554976272583008	KeyMetricValue2', 'gaussian_noise_aug') 5.182135796546936 0.9966423034667968 2.6516597747802733 2.8217837691307066 5.777083015441894 5.672670936584472 4.9232344150543215	('KeyMetricValue2', 'rotation_aug') 5.8062415599823 1.2936193466186523 3.952442836761475 3.2716848611831666 6.6274128437042235 4.38134880065918 5.078125810623169	('KeyMetricValue2', 'translation_at 3.8552926540374757 2.193480205535889 0.9216913223266602 5.128249907493592 2.9809178352355956 2.953897476196289 5.483103179931641
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	dino dino dino dino dino dino dino dino	Isomap_6 Isomap_8 PCA_1 PCA_12 PCA_16 PCA_2 PCA_3	0.8875 0.975 0.5375 0.9125 0.95 0.7375 0.8375	0.925 0.9625 0.6 0.9375 0.925 0.8125 0.8375	0.925 0.9625 0.625 0.9375 0.9375 0.8 0.8625	0.9125 0.975 0.5875 0.8625 0.95 0.7375 0.85	3.4905417442321776 0.9399269104003907 1.6008060216903686 0.8370353698730468 0.6188863754272461 0.9577532351016999 1.1243463307619095	1.5630329132080079 3.2044435501098634 0.7960130989551544 1.2223169565200807 0.32624905109405516 0.8821847021579743 0.8618099510669708	0.40847206115722656 1.1926700592041015 0.8690989207476377 0.3559835433959961 0.5785910606384277 0.7352772176265716 0.8880405426025391	1.2371374130249024 3.163021469116211 0.8790506511926651 0.6306350946426391 0.6591344356536866 1.3781713485717773 0.42669603824615476
Acevedo	dino dino dino dino dino dino dino dino	PCA_32 PCA_4 PCA_6 PCA_8 PHATE_1 PHATE_12 PHATE_16	0.8375 0.925 0.8125 0.8375 0.925 0.8375 0.9625 0.95	0.8373 0.9125 0.8375 0.9 0.875 0.7875 0.9125 0.9375	0.8025 0.9125 0.8875 0.9375 0.9 0.775 0.9375 0.95	0.925 0.8 0.825 0.9375 0.8 0.975 0.9375	0.4867852210998535 0.6407515406608582 0.650293493270874 0.5382461786270142 0.9652270435754449 0.9638028318308578 0.9683742649776885	1.1505610942840576 0.869211757183075 0.4054010629653931 0.8675071954727173 0.9693621295268642 0.9644804899427497 0.9666303541450822	0.8356584548950196 0.959028446674347 0.4436187267303467 0.36755828857421874 0.9663251534840004 0.9669833181618177 0.967816943123174	0.38740148544311526 0.9723327577114105 0.49061629772186277 0.3781012535095215 0.9612310662411373 0.9644889532700613 0.9676004312004135
Acevedo	dino dino dino dino dino dino dino dino	PHATE_2 PHATE_3 PHATE_32 PHATE_4 PHATE_6 PHATE_8 TSNE 1	0.9125 0.9125 0.95 0.9125 0.95 0.9125 0.9125	0.9 0.9125 0.975 0.925 0.95 0.9625 0.9375	0.8875 0.925 0.9625 0.8875 0.9625 0.9	0.8875 0.9125 0.8875 0.9375 0.9875 0.9375 0.9375	0.9672224754012578 0.9668884034772443 0.9674653880496764 0.9687624993934645 0.968307544428016 0.9719166760000197 0.492142117023468	0.9657630788771486 0.9662788054734586 0.968326281855582 0.9721272769235455 0.9687368720093303 0.9654006506837595 0.4098703861236572	0.9716440779803015 0.968068350165592 0.9676908999592773 0.9687907951924292 0.9668317596173223 0.9668478305130599 0.20090736150741578	0.9698905640977689 0.9720939674787601 0.9733841939953718 0.9683617069983637 0.9668229414630372 0.9701090729632742 1.1384899854660033
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	dino dino dino dino dino dino dino dino	TSNE_12 TSNE_16 TSNE_2 TSNE_3 TSNE_32 TSNE_32 TSNE_4 TSNE_6	0.9125 0.8875 0.975 0.875 0.8 0.925 0.95	0.85 0.8625 0.925 0.95 0.775 0.9125 0.925	0.8875 0.8625 0.9375 0.9 0.85 0.9125 0.8875	0.95 0.8375 0.9875 0.8625 0.825 0.9625 0.95	0.36159945130348203 0.5258794665336609 0.5589346408843994 1.2940363824367522 0.48304489254951477 0.2516894221305847 0.1669207513332367	0.4701871335506439 0.7183117806911469 0.34155075550079345 0.5882161021232605 0.668439507484436 0.3938821256160736 0.09527523517608642	0.35709862112998964 0.472456556558609 0.4930450677871704 0.535724425315857 0.6985111951828002 0.29837212562561033 0.22597047239542006	0.5709627985954284 0.3799429774284363 0.6164306163787842 0.5792464256286621 0.561172091960907 0.2723100483417511 0.08826586902141571
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	dino dino dino dino dino dino dino	TSNE_8 UMAP_1 UMAP_12 UMAP_16 UMAP_2 UMAP_3 UMAP_3 UMAP_32	0.9625 0.975 0.95 0.9125 0.9625 0.9625 0.975	0.9625 0.925 0.95 0.925 0.9625 0.925 0.95	0.95 0.925 0.975 0.9125 0.9875 0.9375 0.9375	0.9625 0.975 0.925 0.9125 0.9625 0.9625 0.95	0.14030935764312744 0.26514197885990143 0.07320871874690056 0.3317738354206085 0.03419386148452759 0.008766710758209229 0.0877424031496048	0.24070852100849152 0.7293007493019104 0.04517744779586792 0.15050997212529182 0.058527898788452146 0.20451732724905014 0.08031542301177978	0.17422363460063933 0.38784913122653963 0.05469453781843185 0.15948906689882278 0.18969635367393495 0.18769550174474717 0.09620274007320403	0.1304277002811432 0.9686398766934872 0.07885482907295227 0.3141728438436985 0.03302066624164581 0.1668684497475624 0.07007919698953628
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	dino dino dino dino normal normal	UMAP_4 UMAP_6 UMAP_8 baseline Isomap_1 Isomap_12 Isomap_16	0.95 0.95 0.9125 0.9 0.425 0.6125 0.525	0.925 0.95 0.95 0.8875 0.6375 0.7125 0.7	0.95 0.9625 0.9625 0.9125 0.625 0.6375 0.6875	0.925 0.95 0.9 0.9 0.4125 0.575 0.575	0.14550607912242414 0.18217000588774682 0.1989630326628685 0.940874433517456 63.649162316322325 50.716047286987305 47.7925329208374	0.13548207357525827 0.03914769291877747 0.13855571374297143 0.6986606597900391 12.502272176742554 21.42574806213379 12.059239387512207	0.10924489572644233 0.08649035170674324 0.13321950584650039 0.6622856140136719 7.979298782348633 12.321549224853516 12.968832206726074	0.09513752907514572 0.1554785206913948 0.22773653417825698 0.8891572952270508 78.97173166275024 64.36668910980225 86.48543462753295
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	normal normal normal normal normal normal	Isomap_2 Isomap_3 Isomap_32 Isomap_4 Isomap_6 Isomap_8 PCA_1	0.4125 0.45 0.55 0.5375 0.5375 0.5125 0.475	0.6625 0.5625 0.7125 0.7 0.6625 0.6 0.575	0.6 0.6125 0.6 0.5875 0.5875 0.5625 0.6	0.5125 0.6 0.525 0.5625 0.525 0.5125 0.4375	57.86924729347229 60.90671210289001 35.5259485244751 57.265045166015625 54.142659950256345 64.35962715148926 13.491633254289628	29.447663915157317 30.39101927280426 14.07119836807251 17.461340856552123 24.727200555801392 21.27096128463745 3.4095859974622726	19.869166243076325 22.2896870136261 17.60467948913574 22.386484003067018 27.64747233390808 20.827820587158204 3.592219763994217	60.56320705413818 65.08263216018676 64.18087730407714 75.09168977737427 47.04831027984619 49.59682369232178 13.384702789783478
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	normal normal normal normal normal normal	PCA_12 PCA_16 PCA_2 PCA_3 PCA_32 PCA_4 PCA_6 PCA_8	0.5 0.55 0.475 0.4875 0.5375 0.4875 0.4625 0.4375	0.7 0.7 0.625 0.75 0.675 0.6875 0.7125 0.6125	0.5625 0.6625 0.6125 0.725 0.725 0.65 0.6625 0.625	0.45 0.625 0.5 0.5125 0.7 0.5125 0.5125 0.4875	11.451415610313415 14.307646894454956 14.928370934724807 15.887875866889953 13.706946611404419 14.104976224899293 13.41095848083496 16.44328980445862	3.5070683002471923 3.639667797088623 3.0469947695732116 2.8333791494369507 3.233446216583252 2.5171197772026064 2.0632014870643616	4.22354645729065 5.8441465377807615 4.410260856151581 2.798696130514145 3.057495594024658 0.8549875020980835 2.417891597747803	13.115747141838074 12.053987216949462 12.668072378635406 14.48770272731781 9.902636098861695 11.590179133415223 14.288599252700806
Acevedo	normal normal normal normal normal normal normal	PHATE_1 PHATE_12 PHATE_16 PHATE_2 PHATE_3 PHATE_32 PHATE_4	0.4373 0.4125 0.4875 0.55 0.5125 0.475 0.5 0.4625	0.6 0.6125 0.675 0.6 0.6875 0.675 0.625	0.5875 0.55 0.6125 0.65 0.6375 0.65 0.55	0.4875 0.5 0.6 0.4625 0.4875 0.5625 0.475	1.0012814756382482 1.0021388193239815 0.9968706091991798 0.9946045223855251 0.9994105672603256 1.0005288160046277 1.0018902492932624	4.896787858009338 0.9793725864927003 0.9764905401313616 0.9785427637264617 0.9761566117297089 0.97052873556846 0.97241518118421 0.9761133563661426	3.9854578018188476 0.9758858093817816 0.9755583205192476 0.9685793562367884 0.9647064141335839 0.9789785965804748 0.9761413863983179 0.9766646807190031	8.807057285308838 1.0022711869703276 0.9950241125273791 1.0010064619562535 1.0002234050890895 1.0022816324398192 0.9970811595018969 1.0024141274964908
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	normal normal normal normal normal normal	PHATE_4 PHATE_6 PHATE_8 TSNE_1 TSNE_12 TSNE_16 TSNE_2 TSNE_3	0.4623 0.4375 0.4625 0.375 0.4875 0.5625 0.4875 0.4625	0.625 0.725 0.625 0.6125 0.6125 0.6875 0.675 0.5875	0.33 0.7375 0.5875 0.5875 0.575 0.675 0.7125 0.7	0.473 0.5125 0.525 0.5375 0.5125 0.5375 0.5375 0.575	1.0016902492932624 0.9939995197593443 1.0043891799140994 10.015786522626877 2.4659208953380585 2.0687001049518585 8.833814203739166 2.083365711569786	0.9761133363061426 0.9728296465526125 0.9762784327422089 0.6970838278532028 1.2862066388130189 0.8428078532218933 1.4109551191329956 6.084278583526611	0.9775840963393492 0.9784759183955497 1.4910107731819153 1.1855233371257783 1.1909390211105346 2.4133966147899626 4.561744952201844	0.9969264884027712 1.003993714141441 8.527254411578179 2.4267781376838684 1.623526257276535 12.269212609529495 2.7213455855846407
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	normal normal normal normal normal normal	TSNE_32 TSNE_4 TSNE_6 TSNE_8 UMAP_1 UMAP_12 UMAP_16	0.5125 0.4625 0.575 0.5375 0.45 0.45 0.55	0.7625 0.5625 0.5375 0.6125 0.6 0.675	0.5625 0.55 0.6 0.5625 0.6625 0.6125 0.6	0.4375 0.555 0.575 0.5375 0.5375 0.555 0.5625	1.6617845177650452 1.6121859818696975 1.283083540201187 1.275928871333599 3.006089499592781 1.329913781583309 1.1870523050427437	0.5232790112495422 2.3042378664016723 2.703389847278595 1.2785480797290802 1.3645323008298873 0.5034069485962391 0.8525120377540588	1.1597399234771728 3.396095460653305 2.509329652786255 1.2318418085575105 0.8942459598183632 0.6712378036230803 0.6740147480741143	1.6954084277153014 1.7565305650234222 1.5141473904252052 1.121242806315422 2.8344876058399677 1.335979986190796 1.0579753540456296
Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo Acevedo	normal normal normal normal normal normal	UMAP_2 UMAP_3 UMAP_32 UMAP_4 UMAP_6 UMAP_8 baseline	0.525 0.4625 0.6 0.4375 0.55 0.5375 0.5125	0.7 0.725 0.65 0.6 0.65 0.7 0.6625	0.575 0.55 0.6 0.675 0.5875 0.7 0.6625	0.4875 0.5375 0.5 0.6 0.5 0.55 0.675	1.2360421217978002 1.3249071707949043 1.1367967329919337 1.4560049053281545 1.2097858682274818 1.1464485660195352 10.32210569381714	0.43191331829875707 0.7776158463209868 0.48385224118828773 0.8047787759453058 0.7309127483516932 0.6156468413770199 1.7478516578674317	0.7399533692747354 0.6965810047462583 0.45435839481651785 0.6696534063667059 0.7490348041057586 0.6199146680533886 1.7426227569580077	1.2197672247886657 1.4172754233703018 1.4721150279045105 1.5632689610123633 1.5550100417807697 1.2500002041459084 7.835176467895508
Acevedo CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10	normal normal normal normal normal normal	cubical_complex Isomap_1 Isomap_12 Isomap_16 Isomap_2 Isomap_3 Isomap_32	0.525 0.39 0.4 0.52 0.49 0.45	0.75 0.42 0.48 0.47 0.45 0.56 0.5	0.75 0.4 0.58 0.47 0.37 0.47 0.43	0.725 0.45 0.41 0.38 0.35 0.38 0.37	43.10976219177246 38.73103740692139 32.64613986968994 22.914892349243164 28.94822351694107 18.41116632461548 20.416877136230468	18.15359706878662 18.32885843753815 17.876301193237303 17.804472980499266 24.03319200515747 25.05675944328308 13.763687553405761	2.618192958831787 26.546410579681396 22.69328926086426 25.130157318115234 32.012279663085934 29.856524353027343 20.297285594940185	2.652017116546631 31.27363275527954 23.309162139892578 28.290972595214843 24.73041394472122 38.24007276535034 17.459938583374022
CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10	normal normal normal normal normal normal	Isomap_4 Isomap_6 Isomap_8 PCA_1 PCA_12 PCA_16 PCA_2	0.41 0.46 0.49 0.43 0.48 0.5 0.5	0.42 0.39 0.52 0.45 0.43 0.53	0.5 0.48 0.49 0.46 0.47 0.51 0.37	0.41 0.38 0.43 0.41 0.42 0.43 0.46	31.549035835266114 23.373591079711915 31.363513946533203 11.029850119352341 7.605094470977783 6.169737167358399 10.572856364250184	18.45646743774414 28.781186790466307 16.60406311035156 9.398674736618995 6.37041145324707 7.196198921203614 9.852176642417907	24.975001983642578 23.604866256713866 23.397523078918457 9.52461519241333 7.670101051330566 6.033508815765381 9.882055484056472	22.060302734375 35.81335502624512 26.679247779846193 8.121362953186035 7.631786289215088 6.222750282287597 9.522363715171814
CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10	normal normal normal normal normal normal	PCA_3 PCA_32 PCA_4 PCA_6 PCA_8 PHATE_1 PHATE_12	0.37 0.4 0.51 0.44 0.52 0.42 0.53	0.47 0.46 0.49 0.54 0.49 0.39 0.5	0.46 0.48 0.51 0.49 0.54 0.36 0.48	0.44 0.43 0.37 0.5 0.53 0.44 0.45	12.310151710510254 8.81220989227295 7.2594676685333255 8.60315465927124 8.770723857879638 1.0028516544196524 1.0000815471975073	9.70419722557068 9.041932411193848 8.037626829147339 5.668127021789551 6.00711835861206 1.0032631952807645 0.9993336966562067	10.42131236076355 5.453571853637695 7.570604705810547 6.15395154953003 8.141965656280517 0.9977031472927638 0.9988939061682635	8.198202733993531 8.110481491088867 9.089864721298218 7.120781707763672 7.510962886810303 0.9988304996580968 0.9979040817656555
CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10	normal normal normal normal normal normal	PHATE_16 PHATE_2 PHATE_3 PHATE_32 PHATE_4 PHATE_6 PHATE_8	0.5 0.37 0.37 0.47 0.45 0.38 0.49	0.53 0.5 0.5 0.51 0.52 0.42 0.54	0.53 0.48 0.44 0.48 0.48 0.44 0.51	0.49 0.42 0.46 0.39 0.49 0.46 0.46	1.001347173609467 1.0005151478296206 1.0000775364856604 0.9998757746998472 0.9996211810731519 1.0018632554143632 0.996983465761614	0.9973843759579818 1.0002015595058946 0.9946791674047352 0.9924909663569652 0.999203847174031 0.9944984462795126 0.9939860488015674	0.9968119972190972 0.9978762904124252 0.9951968530616162 0.999794679154113 1.002405539231427 0.9928090167941351 0.9947301424452841	1.0017061704992607 0.9989898079524732 1.0014171791152338 1.0013886149864222 0.9986887237570459 0.9948186426623701 0.9999488243725639
CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10	normal normal normal normal normal normal	TSNE_1 TSNE_12 TSNE_16 TSNE_2 TSNE_3 TSNE_32 TSNE_32 TSNE_4 TSNE_6	0.46 0.48 0.49 0.42 0.41 0.5 0.49	0.48 0.48 0.52 0.49 0.54 0.45 0.51	0.48 0.43 0.54 0.43 0.53 0.46 0.41	0.49 0.47 0.51 0.36 0.45 0.49 0.5	7.951244544088841 2.255913982391357 1.8937230825424194 8.710587593913079 2.43800143122673 1.677544779777527 1.325865899324417	2.70293873667717 0.9052658921480179 1.1037846946716308 5.892080476284027 8.736251468658446 1.456385269165039 5.300378828048706	3.84200506567955 2.311395425796509 1.7762254476547241 5.835433027744293 7.402319250106811 1.4923126459121705 1.9561191487312317	6.09072120308876 1.8859412145614625 2.7897440338134767 7.1601432919502255 2.552658644914627 1.6440025472640991 1.732925969362259
CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10	normal normal normal normal normal normal normal	TSNE_6 TSNE_8 UMAP_1 UMAP_12 UMAP_16 UMAP_2 UMAP_3 UMAP_3	0.43 0.42 0.45 0.46 0.44 0.47 0.41	0.43 0.55 0.39 0.46 0.52 0.47 0.5	0.46 0.49 0.39 0.44 0.52 0.51 0.51 0.45	0.52 0.44 0.51 0.45 0.48 0.45 0.45 0.45	1.2166070568561553 1.1194349825382233 3.0697602808475493 1.3806556737422944 1.0843738421797753 1.5194287723302842 1.0586701583862306 1.0581880176067353	1.416350599527359 1.1036918264627458 2.504122063219547 1.2315842759609223 0.8864665108919144 1.5419107389450073 1.1655918335914612 1.1985019409656525	1.3214929139614104 1.141717671751976 2.8300328078866004 0.9970519670844078 1.0448611336946487 1.3409150359034538 1.0350418585538863 1.11368175894022	1.1101248669624328 1.1316207471489905 2.949301657676697 1.1858014118671418 1.0843858051300048 1.3596171176433562 1.3047221037745476 1.2222890129685402
CIFAR10 CIFAR10 CIFAR10 CIFAR10 CIFAR10 ashionMNIST ashionMNIST	normal normal normal normal normal normal	UMAP_4 UMAP_6 UMAP_8 baseline cubical_complex Isomap_1 Isomap_12	0.43 0.47 0.46 0.5 0.32 0.51 0.56	0.48 0.48 0.48 0.4 0.4 0.3 0.61	0.49 0.48 0.5 0.39 0.4 0.42 0.72	0.46 0.48 0.44 0.34 0.38 0.42 0.54	1.1029812802374364 1.4476969051361084 1.2420697760581971 8.526289291381836 3.201143627166748 19.60256495475769 9.687327823638917	1.0186495465040206 1.0411722129583358 1.2568401145935058 5.177592468261719 4.996905288696289 5.05189670085907 2.21566312789917	1.1836268800497054 1.1836268800497054 1.1562595756351948 1.1739736166596413 7.6896140670776365 4.663816337585449 16.115700073242188 9.235007266998291	1.0920123916864395 1.3028920325636864 1.144243642091751 6.4355322265625 3.7392087173461914 25.86861629009247 11.986520462036133
ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST	normal normal normal normal normal normal	Isomap_16 Isomap_2 Isomap_3 Isomap_32 Isomap_4 Isomap_6 Isomap_8	0.62 0.5 0.54 0.62 0.55 0.64 0.46	0.78 0.71 0.81 0.81 0.79 0.76 0.83	0.62 0.54 0.71 0.69 0.71 0.71 0.71	0.59 0.46 0.51 0.65 0.5 0.61 0.63	8.30786491394043 13.402296595573425 10.224687757492065 7.108360977172851 9.539909658432007 11.010201196670533 12.642815055847167	3.0922510528564455 2.249306173324585 2.0181323075294495 2.571929626464844 2.759704933166504 2.3512305068969725 3.2730593204498293	5.9261429977416995 11.368003435134888 11.14377805709839 5.866277847290039 7.90994161605835 8.226725940704346 6.866428489685059	12.977405738830566 16.218459730148314 18.23070188522339 13.827485389709473 13.578595962524414 13.478598098754883 12.42242275238037
ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST	normal normal normal normal normal normal	PCA_1 PCA_12 PCA_16 PCA_2 PCA_3 PCA_32 PCA_34	0.51 0.69 0.6 0.55 0.47 0.61 0.56	0.46 0.81 0.8 0.65 0.63 0.78 0.84	0.54 0.64 0.63 0.55 0.59 0.72 0.7	0.44 0.6 0.63 0.52 0.56 0.6 0.57	3.685124531984329 2.2306728172302246 2.707057056427002 3.448102283477783 3.716409139633179 2.1682298755645752 2.8996396446228028	1.6757746121287347 1.3951871728897094 0.9544492745399475 1.2684938699752093 1.6622663456201554 1.2462713241577148 1.0932500958442688	1.9978782573342324 1.6784572410583496 1.5191022300720214 1.7767026448249816 1.8099064719676972 1.5011220693588256 1.2857753038406372	3.793734335899353 1.9219527101516725 2.194764175415039 3.022812087535858 3.8362038016319273 1.8788643455505372 2.8646529865264894
ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST	normal normal normal normal normal normal	PCA_6 PCA_8 PHATE_1 PHATE_12 PHATE_16 PHATE_2 PHATE_3	0.57 0.68 0.49 0.53 0.49 0.56 0.53	0.77 0.77 0.67 0.75 0.78 0.78 0.79	0.64 0.67 0.46 0.66 0.66 0.63 0.73	0.59 0.56 0.52 0.48 0.56 0.51 0.53	2.845150742530823 3.2269606590270996 0.9964150278237206 0.9989812073586123 0.9945428628600874 0.9922896176909576 1.0006680406559711	0.9502435517311096 1.5235290002822877 0.969110233829339 0.975201322645806 0.9789245066493563 0.9692307814795007 0.971141860675329	1.2157271671295167 1.5959220373630523 0.9946924457769576 0.9896194347738227 0.9922299822262114 0.9922100282412986 0.9908693867940157	2.9078995037078856 2.284167938232422 0.9969924243753251 0.9943505756460396 0.9943065298531684 1.0002026553661798 0.9985175489415162
ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST	normal normal normal normal normal normal	PHATE_32 PHATE_4 PHATE_6 PHATE_8 TSNE_1 TSNE_12 TSNE_16	0.51 0.48 0.6 0.56 0.53 0.65 0.5	0.75 0.75 0.76 0.76 0.77 0.8 0.8	0.69 0.75 0.63 0.71 0.66 0.76 0.72	0.51 0.43 0.61 0.43 0.6 0.51 0.54	0.9891315926413494 0.9959872458489321 0.9978539571047655 0.9974122381632198 13.656382460594177 3.081119866371155 2.5700169706344607	0.975866710502372 0.9748099249938705 0.974736851761038 0.9751338221143616 2.5583422422409057 0.2974648714065552 0.28119907855987547	0.9915876025137057 0.986536309732668 0.9880467898775642 0.9879368442738682 17.725647692680358 1.2582932567596437 1.3408016920089723	0.997215852427819 1.002895017693253 0.992443454877003 0.9990897816045571 12.529811220169067 2.8269283819198607 2.872906804084778
ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST	normal normal normal normal normal normal	TSNE_2 TSNE_3 TSNE_32 TSNE_4 TSNE_6 TSNE_8 UMAP_1	0.67 0.59 0.51 0.63 0.55 0.54 0.5	0.75 0.83 0.68 0.79 0.77 0.82 0.77	0.69 0.72 0.58 0.77 0.76 0.67 0.66	0.54 0.54 0.52 0.55 0.57 0.63 0.48	12.288270585536957 3.9481083250045774 2.3673963022232054 3.5794800114631653 3.2373031854629515 2.7325307750701904 3.566998485326767	1.8001938247680664 0.49165931463241574 0.47540472984313964 0.6336580324172973 0.3464535629749298 0.3195538866519928 1.3759444719552993	7.6434428286552425 1.502840700149536 1.4301438045501709 1.3612006624042987 1.139009302854538 1.0245249688625335 3.8563232123851776	12.41004340171814 4.058422288894653 2.0035890436172483 2.226418023109436 1.2628190326690674 2.3681966400146486 4.186730075478554
ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST ashionMNIST	normal normal normal normal normal normal	UMAP_12 UMAP_16 UMAP_2 UMAP_3 UMAP_32 UMAP_4 UMAP_6 UMAP_8	0.59 0.58 0.64 0.51 0.63 0.53 0.73 0.7	0.81 0.81 0.78 0.8 0.72 0.82 0.8 0.8	0.72 0.76 0.72 0.71 0.7 0.74 0.67 0.7	0.56 0.53 0.59 0.52 0.57 0.56 0.6 0.57	1.194303875863552 1.2276587176322937 1.1060571065545082 1.1683843357861041 1.284087947756052 1.257721261009574 1.0059374237060548 1.0670845717191697	0.22167337492108344 0.4171786278486252 0.4109175181388855 0.17214733511209487 0.38510002076625827 0.27566247135400773 0.2078876656293869 0.26008267879486086	1.1112765708565713 0.9379753316938877 1.173494391515851 1.0920120775699615 0.8571283847093583 0.859602033495903 0.9075969338417054	1.2200800443440676 1.1359432303905488 2.031955512240529 1.3665158239006996 1.5106093250215054 1.4916303652524947 1.229192221853882
ashionMNIST ashionMNIST ashionMNIST MNIST MNIST MNIST MNIST MNIST	normal normal normal normal normal normal normal	baseline cubical_complex Isomap_1 Isomap_12 Isomap_16 Isomap_2 Isomap_3	0.7 0.63 0.44 0.45 0.49 0.51 0.38 0.51	0.82 0.76 0.42 0.58 0.86 0.85 0.66 0.76	0.7 0.77 0.44 0.44 0.82 0.77 0.51 0.6	0.57 0.61 0.52 0.42 0.48 0.47 0.41 0.48	2.3158570384979247 1.0665881991386414 35.820946826934815 28.468524627685547 27.15998374938965 25.25899694442749 28.518279085159303	1.6655578136444091 1.940313730239868 4.903182053565979 2.9721947479248048 4.623258743286133 5.971196866035461 4.302878360748291	0.823456902205944 0.8468916893005372 1.2653333520889283 34.67823744297028 10.374455490112304 16.627211227416993 24.671660022735594 12.79917160987854	1.360296979546547 2.458219738006592 1.5021177339553833 36.23801887512207 43.61584373474121 28.039794540405275 47.27325727462769 35.42654544830322
MNIST	normal normal normal normal normal normal	Isomap_3 Isomap_4 Isomap_6 Isomap_8 PCA_1 PCA_12 PCA_16	0.54 0.42 0.47 0.48 0.45 0.59 0.62	0.82 0.83 0.84 0.9 0.47 0.82 0.8	0.74 0.75 0.74 0.76 0.41 0.73 0.68	0.59 0.47 0.47 0.56 0.44 0.54 0.53	26.390877685546876 34.18736921310425 30.613232231140138 28.331558952331545 7.682869811058044 2.8097147369384765 5.423876314163208	3.4016196441650393 6.103528804779053 4.549517803192138 3.1767263793945313 2.187898552417755 1.1187985134124756 1.4113910388946533	9.940755615234375 21.969403018951414 12.92572868347168 20.446307678222656 5.27598066598177 2.2771309280395506 2.8124816322326662	40.29526206970215 36.78703861236572 45.623250064849856 38.47121364593506 7.372606739997864 5.835915994644165 5.89842414855957
MNIST MNIST MNIST MNIST MNIST MNIST MNIST MNIST MNIST	normal normal normal normal normal normal	PCA_2 PCA_3 PCA_32 PCA_4 PCA_6 PCA_8 PHATE 1	0.45 0.42 0.54 0.39 0.48 0.56 0.39	0.68 0.67 0.87 0.75 0.85 0.8 0.6	0.43 0.58 0.77 0.63 0.69 0.72 0.44	0.49 0.5 0.58 0.48 0.52 0.53 0.4	7.665459208488464 7.809844205379486 3.8883545875549315 6.525235965251922 7.2642379474639895 6.304178514480591 0.9971009511215069	0.7991133642196655 1.4094080352783203 0.8840739250183105 1.3796035528182984 0.9907561111450195 1.4589723873138427 0.9809849051283976	6.316420041173696 4.299429290294647 2.1514453887939453 3.2985822343826294 2.3006193447113037 2.4765852546691893 1.001928182101892	7.200107581615448 6.767337589263916 5.845494346618652 5.088341722488403 6.180977320671081 5.947441158294677 0.999658698475249
MNIST	normal normal normal normal normal normal	PHATE_12 PHATE_16 PHATE_2 PHATE_3 PHATE_32 PHATE_4 PHATE_6	0.46 0.45 0.44 0.46 0.48 0.33 0.42	0.82 0.87 0.84 0.81 0.88 0.78	0.59 0.6 0.5 0.56 0.69 0.6 0.6	0.41 0.42 0.46 0.41 0.39 0.49 0.42	1.0014305886698422 0.9962881995429436 1.0008458175631518 0.998830796159052 0.9995258447382723 0.995505736106771 0.9996169976951219	0.9820039307804551 0.9818278902253678 0.9740544327562566 0.9811973575792539 0.9826193664061026 0.9820442759467254 0.9797465200256242	0.9984861593493233 1.0024523536198326 0.9937389492308455 0.9942774487002466 0.9938200533494005 0.9926829740940428 0.9948014978628201	0.9995467061730312 1.0021743876648825 1.001252185778658 0.9992026431843584 0.9957227618087678 0.9990474572652217 1.0000363163663224
MNIST	normal normal normal normal normal normal	PHATE_8 TSNE_1 TSNE_12 TSNE_16 TSNE_2 TSNE_3 TSNE_32	0.42 0.44 0.49 0.52 0.51 0.46 0.48	0.87 0.85 0.78 0.73 0.81 0.91 0.74	0.6 0.64 0.6 0.62 0.73 0.7 0.63	0.37 0.47 0.53 0.45 0.46 0.47 0.46	1.0016309155138179 11.45156033039093 1.564397919178009 2.341009883880615 14.616772450208664 4.5765114331245424 2.0209384775161743	0.9822793760511782 1.5285286712646484 0.9103796195983886 0.7746256446838379 2.244637203216553 1.425373911857605 0.7632813739776612	0.9991474586000778 9.673084683418274 2.3937750005722047 2.442681064605713 21.314124178886413 6.549606585502625 2.4680220699310302	0.9965450542477496 15.109725756645203 1.8860516929626465 2.842418417930603 14.812647852897644 5.114964098930359 2.3308946561813353
MNIST MNIST MNIST MNIST MNIST MNIST MNIST MNIST MNIST	normal normal normal normal normal normal	TSNE_4 TSNE_6 TSNE_8 UMAP_1 UMAP_12 UMAP_16 UMAP_2	0.45 0.5 0.55 0.46 0.46 0.44 0.4	0.86 0.87 0.83 0.8 0.84 0.9	0.75 0.74 0.66 0.68 0.68 0.73 0.66	0.5 0.55 0.53 0.46 0.38 0.41 0.56	2.7264780759811402 1.9798697018623352 1.9792542958259582 4.329519735574722 1.84635729521513 1.9888231509923935 1.9921136391162872	0.9666749548912048 0.37461459159851074 1.134269461631775 1.515861701965332 0.38528824120759964 0.20882778406143188 0.2875965815782547	4.164788753986358 2.6578398036956785 3.2958160781860353 4.0166137766838075 2.1022228787839414 1.4847061529755592 1.977995027899742	2.690491213798523 2.0050868141651152 1.788687629699707 5.4197119140625 1.545888729840517 1.9212277668714524 1.6219645045697688
MNIST MNIST MNIST MNIST MNIST MNIST MNIST MNIST MNIST MIST MIST	normal normal normal normal normal normal normal dino	UMAP_3 UMAP_32 UMAP_4 UMAP_6 UMAP_8 baseline cubical_complex Isomap 1	0.48 0.44 0.43 0.4 0.47 0.54 0.44 0.61	0.83 0.83 0.87 0.9 0.88 0.84 0.48 0.56	0.74 0.68 0.69 0.71 0.69 0.68 0.46 0.58	0.4 0.41 0.43 0.41 0.46 0.5 0.5	1.5348942410945892 1.6066994670033454 2.209989520013332 2.2342077198624612 1.7849690398573876 4.674492645263672 1.0792846989631653 8.564579107761382	0.5150338757038116 0.36810021102428436 0.24858155548572541 0.2730417737364769 0.3060354408621788 1.1363829231262208 1.5906281274557115	1.8489673382043839 1.7615744596719742 1.8141379511356355 1.5437447172403336 1.5959423005580902 1.7624288558959962 0.8001985216140747 25.400477485656737	1.9575751619040966 1.8915168133378029 1.6508242121338845 1.6794001950323583 1.6342193521559238 4.485358581542969 0.9082111287117004 6.489490203857422
IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data	dino dino dino dino dino dino dino dino	Isomap_1 Isomap_12 Isomap_16 Isomap_2 Isomap_3 Isomap_32 Isomap_4 Isomap_6	0.61 0.75 0.84 0.66 0.76 0.81 0.73 0.78	0.36 0.77 0.74 0.65 0.68 0.77 0.75	0.36 0.76 0.77 0.67 0.79 0.77 0.76 0.77	0.6 0.79 0.85 0.74 0.74 0.77 0.79	7.448930130004883 8.710887298583984 7.449690671563149 6.452789077758789 5.962356719970703 8.939916229248047 7.691846008300781	38.3292857170105 23.776677017211913 18.97893295288086 19.546844959259033 18.44030698776245 25.09437698364258 14.345233306884765 22.711902923583985	9.870292053222656 7.377690277099609 7.87604154586792 3.129398727416992 5.267649078369141 8.222061462402344 11.281147994995116	9.842931747436523 7.456622467041016 4.246635437011719 4.647000846862793 6.271805038452149 5.6983326721191405 5.965532608032227
IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data	dino dino dino dino dino dino	Isomap_6 Isomap_8 PCA_1 PCA_12 PCA_16 PCA_2 PCA_3 PCA_3	0.81 0.5 0.72 0.77 0.58 0.68	0.69 0.52 0.76 0.77 0.67	0.74 0.47 0.74 0.74 0.67 0.71	0.82 0.8 0.49 0.77 0.72 0.62 0.7 0.73	10.266082725524903 1.0428581476211547 1.4715610885620116 0.8100762176513672 1.6172752691805363 1.7482913041114807	14.43499008178711 2.1338906210660933 1.115942497253418 1.532177963256836 2.0473384499549865 1.5849647474288941	13.739010887145996 1.685495725274086 1.1564525413513183 1.7397735404968262 2.340399255156517 0.7562469911575317	3.7426280212402343 1.1394681853055955 1.4878303337097167 1.6942808723449707 2.021238617897034 1.5174012088775635
IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data	dino dino dino dino dino dino dino dino	PCA_4 PCA_6 PCA_8 PHATE_1 PHATE_12 PHATE_16 PHATE_2	0.79 0.72 0.71 0.82 0.74 0.85 0.77 0.73	0.8 0.72 0.76 0.74 0.68 0.8 0.75 0.77	0.85 0.7 0.72 0.73 0.78 0.8 0.76 0.73	0.66 0.77 0.74 0.68 0.75 0.77	1.4899088478088378 1.098423776626587 2.1528964614868165 0.6975053787231446 0.9753757656133195 0.97637207942112 0.977843413604642 0.9791239455864127	0.473921012878418 1.6385331320762635 1.4038837814331055 1.4742326545715332 0.9817237859380807 0.9811575704265943 0.9781898877867207 0.9782098434853578	1.2201660919189452 1.5028035473823547 2.838718843460083 1.965645751953125 0.9790251500547472 0.9708852323996916 0.9790820779548352 0.9742131848947722	1.3548746490478516 1.3974874496459961 0.967008867263794 2.0698678874969483 0.9768668845672459 0.9795168578349412 0.9787986735660558 0.977925465071216
LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data	dino dino dino dino dino dino dino	PHATE_3 PHATE_32 PHATE_4 PHATE_6 PHATE_8 TSNE_1 TSNE_12	0.84 0.77 0.78 0.82 0.81 0.75 0.69	0.74 0.78 0.83 0.86 0.8 0.78 0.64	0.68 0.76 0.8 0.86 0.83 0.78 0.73	0.79 0.75 0.79 0.8 0.77 0.78	0.9751271310224457 0.9788151879581183 0.9749200473997831 0.9755845913378188 0.974997292559172 1.841702299118042 0.8231950235366822	0.9775955499980179 0.976197262232683 0.9801675273393508 0.9822849422336638 0.9755288056332077 2.003020315170288 0.83933678150177	0.974286836114786 0.9808315791098525 0.9770347541056439 0.9757134207711284 0.9769816580273283 3.3057705307006837 0.7132322359085083	0.9723898366452984 0.9804941976435471 0.9746323804149668 0.9742154684929357 0.9744687947126058 2.8886640310287475 0.8697514247894287
LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data	dino dino dino dino dino dino dino	TSNE_16 TSNE_2 TSNE_3 TSNE_32 TSNE_4 TSNE_6 TSNE_8	0.65 0.77 0.75 0.67 0.77 0.73	0.64 0.71 0.74 0.71 0.72 0.76 0.76	0.71 0.73 0.82 0.66 0.77 0.73 0.79	0.79 0.76 0.78 0.67 0.77 0.7	0.7911753702163696 3.911509461402893 3.3299977779388428 0.9124192857742309 1.7313690376281738 1.2551245307922363 0.6614880657196045	0.663904824256897 5.273721780776977 2.9377189922332763 0.7991806173324585 2.277528085708618 0.9537158966064453 0.9583482217788696	0.6161517381668091 5.9241606140136716 1.470103759765625 0.7576573657989502 1.4429389095306397 1.246247148513794 1.0749615907669068	0.8100854396820069 4.863577260971069 1.4710079956054687 0.9338330888748169 1.2800209522247314 1.2154954338073731 0.9314111518859863
ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data	dino dino dino dino dino dino dino	UMAP_1 UMAP_12 UMAP_16 UMAP_2 UMAP_3 UMAP_32 UMAP_32 UMAP_4	0.72 0.79 0.68 0.77 0.79 0.81	0.82 0.75 0.75 0.75 0.79 0.84 0.79	0.8 0.77 0.8 0.84 0.73 0.74	0.74 0.8 0.79 0.79 0.81 0.79 0.76	0.8638746452331543 0.24589816004037857 0.31927024215459826 0.24257498979568481 0.3371093761920929 0.21223809823393822 0.1847245943546295	0.6191303157806396 0.3217150014638901 0.32431614011526105 0.29437622509896755 0.38503591269254683 0.2181475368142128 0.2982762199640274	1.1327107167243957 0.3258983558416367 0.250838303565979 0.4262798449397087 0.21370856404304506 0.29325167775154115 0.3529870596528053	1.1593782377243043 0.2793068739771843 0.3228659746050835 0.3833057650923729 0.19775774121284484 0.40597514748573305 0.36392396181821823
ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data	dino dino dino normal normal normal normal	UMAP_6 UMAP_8 baseline Isomap_1 Isomap_12 Isomap_16 Isomap_2	0.76 0.79 0.81 0.41 0.45 0.49	0.79 0.78 0.78 0.53 0.56 0.62 0.54	0.77 0.79 0.73 0.51 0.57 0.64 0.55	0.84 0.77 0.77 0.48 0.48 0.59 0.44	0.24633631423115732 0.19435340225696562 1.316724853515625 20.70602928161621 16.54779037475586 21.497516632080078 26.190517091751097	0.20217312306165694 0.23403191983699798 1.3047300720214843 14.915431890487671 8.782714614868164 13.881301040649413 10.162072052955628	0.3837087106704712 0.3577417254447937 1.502916374206543 9.581461400985718 9.314673309326173 7.449748764038086 13.557875633239746	0.26754533737897873 0.25781692937016487 1.4343904876708984 29.073384399414063 23.402309379577638 20.488088188171385 30.25474500179291
ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data	normal normal normal normal normal normal normal normal	Isomap_3 Isomap_32 Isomap_4 Isomap_6 Isomap_8 PCA_1 PCA_12 PCA_16	0.47 0.48 0.43 0.52 0.45 0.45 0.49 0.58	0.54 0.47 0.46 0.62 0.67 0.54 0.63 0.54	0.61 0.56 0.52 0.57 0.55 0.57 0.62 0.66	0.5 0.54 0.48 0.45 0.49 0.44 0.59 0.58	22.201714363098144 17.974616165161134 21.93025882720947 19.870461769104004 22.320466499328614 9.084181888103485 7.885038738250732 5.606790370941162	9.976176166534424 14.527721328735351 9.688861103057862 13.726777153015137 13.112632560729981 2.890613307952881 2.1115410232543947 2.742456150054932	7.468729844093323 8.1302978515625 10.351056327819824 8.115801429748535 9.145414276123047 2.460356543064117 2.4102060699462893 2.2384006500244142	32.06741905212402 14.245865707397462 23.86532962799072 22.873299102783204 22.29988021850586 8.332520232200622 4.229542694091797 4.476537475585937
LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data	normal normal normal normal normal normal	PCA_2 PCA_3 PCA_32 PCA_4 PCA_6 PCA_8 PHATE_1	0.49 0.51 0.57 0.47 0.38 0.46 0.4	0.62 0.53 0.61 0.6 0.56 0.48 0.58	0.61 0.63 0.6 0.46 0.53 0.64 0.53	0.56 0.53 0.5 0.58 0.5 0.5 0.53 0.41	6.912295389175415 6.507035603523255 5.084371738433838 7.047199430465699 6.721310234069824 6.232549896240235 1.0000453843891164	1.968287830352783 2.595595564842224 2.044748420715332 2.2413543677330017 3.222587156295776 2.305341100692749 0.9787995180581528	2.732476731538773 2.844790415763855 2.197903594970703 3.3947514867782593 2.541499514579773 2.9440096759796144 0.9777670794680664	6.410005972385407 7.336179618835449 3.2654857635498047 5.121483926773071 5.826253185272217 4.3404497623443605 0.9979063827380983
LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data LA/image_data	normal normal normal normal normal normal	PHATE_12 PHATE_16 PHATE_2 PHATE_3 PHATE_32 PHATE_4 PHATE_6	0.49 0.48 0.41 0.5 0.6 0.42 0.51	0.56 0.61 0.58 0.59 0.54 0.63 0.56	0.59 0.64 0.62 0.55 0.62 0.62 0.55	0.54 0.56 0.46 0.52 0.45 0.45 0.56	0.9968713869320058 0.9967977119078726 0.9977774169054803 0.9977080584938202 0.9928061891369996 0.9961606153733523 1.001046876910814	0.9810283799329705 0.9814306322521962 0.9815980649885125 0.9876499158567994 0.9829348334685376 0.9755406029728105 0.9764854647316054	0.9777203104253896 0.9855791189203177 0.9821386065344611 0.9803598960023251 0.9793061025931452 0.9847444105809852 0.9834927461557642	1.0016156854764355 0.9990951544450062 0.9995336718684703 0.9962124213452621 0.9975899386614162 0.997723836721011 0.9972055449878318
ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data ILA/image_data	normal normal normal normal normal normal	PHATE_8 TSNE_1 TSNE_12 TSNE_16 TSNE_2 TSNE_3 TSNE_3 TSNE_32	0.43 0.52 0.46 0.51 0.44 0.49 0.4	0.55 0.62 0.63 0.51 0.56 0.56 0.48	0.63 0.55 0.52 0.59 0.6 0.56 0.54	0.49 0.53 0.56 0.49 0.44 0.49	1.0013280937558975 6.56983983039856 2.0083998966217043 2.004255747795105 7.56787525177002 1.9892211294174194 2.2838374614715575	0.9849683083138759 5.6183613228797915 1.2174345397949218 1.2447528791427613 6.580804071426392 5.680858955383301 1.1641808128356934	0.9825319837031172 1.3741793394088746 1.1074998998641967 1.3345319175720214 4.339768462181091 3.6424606084823608 0.9631485795974731	0.9965295002651053 7.088431010246277 1.692665753364563 1.5335427951812743 11.208907651901246 2.592382550239563 1.7543035173416137
ILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data IILA/image_data	normal normal normal normal normal normal	TSNE_4 TSNE_6 TSNE_8 UMAP_1 UMAP_12 UMAP_16 UMAP_2	0.49 0.55 0.43 0.42 0.51 0.5	0.64 0.49 0.61 0.56 0.63 0.62 0.57	0.57 0.57 0.61 0.64 0.67 0.52 0.56	0.54 0.43 0.48 0.41 0.51 0.56 0.49	1.4287224143743515 1.1059471428394319 1.0775448095798492 2.7458598226308824 1.1687233681231737 1.183515694141388 1.3708040702342987	2.4689920997619628 1.8954049348831177 1.324508833885193 0.834892207980156 0.6510340964794159 0.4871766495704651 0.7589815759658813	2.796509461402893 1.7918208312988282 1.547882285118103 0.7385783910751342 0.536856223642826 0.5949129208922386 0.5249025359749794	1.973202073574066 1.1198492562770843 1.1897566950321197 3.39797231733799 0.9889374774694443 1.132001412808895 1.3285899217426778
ILA/image_data ILA/image_data ILA/image_data ILA/image_data	normal normal normal normal normal	UMAP_3 UMAP_32 UMAP_4 UMAP_6 UMAP_8 baseline cubical_complex	0.47 0.46 0.54 0.46 0.52 0.45 0.46	0.57 0.58 0.57 0.54 0.56 0.59	0.66 0.58 0.62 0.57 0.64 0.47 0.62	0.6 0.53 0.55 0.52 0.52 0.46 0.54	1.0774545615911484 1.1818361562490463 1.15977265894413 1.2160541620850562 1.0625358280539512 4.415351943969727 10.592014923095704	0.6177586257457733 0.4278861951828003 0.4716393512487411 0.5897508838772774 0.5071417704224587 2.595683708190918 3.2626784515380858	0.6110315299034119 0.5882327029109001 0.44596992939710617 0.5994723007082939 0.695631150007248 1.7315729904174804 3.2893449020385743	1.1571812576055527 1.3742356884479523 0.9317906773090363 1.1567072999477386 1.1027442955970763 3.941262054443359 4.107187767028808